



Laboratoire 3E



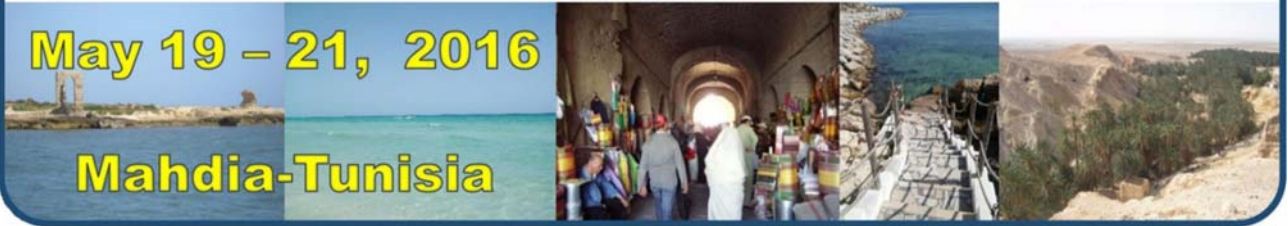
Association Tunisienne
de Géologie Appliquée

iCAGE 2016

International Conference on Applied Geology & Environment

May 19 – 21, 2016

Mahdia-Tunisia



CONFERENCE PROGRAM



ONM
الديوان الوطني للمناجم
Office National des Mines



Compagnie des Phosphates de Gafsa



Edited by Amjad KALLEL, Ali SDIRI, Mongi FELHI, Moncef SERBAJI
ENIS, TUNISIA

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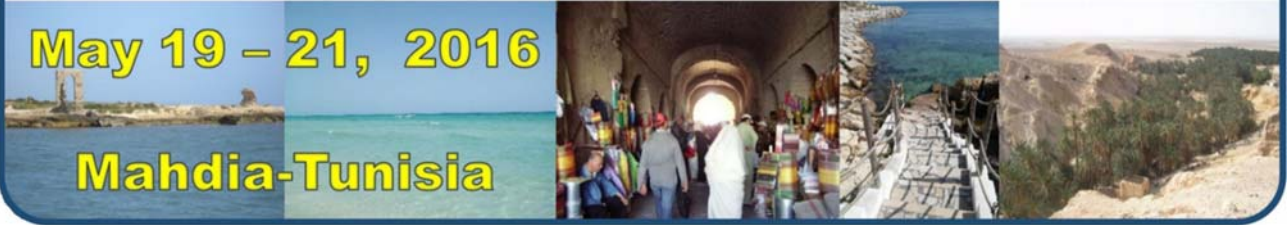
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Any paper submitted by the authors does not necessarily reflect the editors' opinion.

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International Conference on Applied Geology & Environment "iCAGE 2016"

19-21 May 2016, Royal El Mansour Mahdia -Tunisia

Program at a Glance

Room	CARTHAGE	AMILCAR	SOFRA	HASDRUBAL	HALL	
DAY 1 Thursday, MAY 19 th 2016	14:00~15:45	Arrival of participants at Royal El Mansour Hotel and Registration				
	15:45~16:00	Opening /Chairs				
	16:00~16:30	KEYNOTE 1: Prof. Dr. Abdullah ALAMRI "CRUSTAL STRUCTURE AND GROUND MOTION SIMULATION OF THE ARABIAN PENINSULA"				
	16:30~17:00	KEYNOTE 2: Prof. Dr. Nouri HATIRA "MINERAL RESOURCES OF TUNISIA: STATE OF THE ART AND PERSPECTIVES"				
	17:00~19:00	[T1-OS1]	[T2-OS1]	[T3-OS1]	[T4-OS1]	
DAY 2 Friday, MAY 20 th 2016	8:00~8:30	KEYNOTE 3: Prof. Dr. Mohamed SASSI "DIGITAL ROCK PHYSICS: MECHANICAL AND FLOW PROPERTIES FROM NANO-SCALE TO CORE SCALE"				[T1-PS1]
	8:30~10:30	[T1-OS2]	[T2-OS2]	[T3-OS2]	[T4-OS2]	[T1-PS2]
	10:30~11:00	COFFEE BREAK				
	11:00~13:00	[T1-OS3]	[T2-OS3]	[T3-OS3]	[T4-OS3]	[T1-PS3]
	13:00~14 :30	LUNCH				
	14:30~16:30	[T1-OS4]	[T2-OS4]	[T3-OS4]	[T4-OS4]	[T1-PS4]
	16:30~17:00	COFFEE BREAK				[T2-PS1]
	17:00~19:15	Workshop: How to get published in a scientific journal with N. KHELIFI (Springer/Nature Editor)		[T1-OS5]	[T4-OS5]	[T2-PS2]
21:00~23:00	CONFERENCE GALA DINNER / HONORARY CEREMONY					
DAY 3 Saturday, MAY 21 st 2016	8:00~8:30	KEYNOTE 4: Prof. Dr. Mohamed SOUSSI & Dr. Moncef SAIDI "NEW JURASSIC LITHOSTRATIGRAPHIC CHART AND RESERVOIR SEDIMENTOLOGY / CONVENTIONAL AND NON-CONVENTIONAL HYDROCARBON POTENTIAL"				
	8:30~10:30	[T1-OS6]	[T1-OS7]	[T1-OS8]	[T4-OS6]	[T3-PS1] [T4-PS1]
	10:30~11:00	COFFEE BREAK				
	11:00~13:00	[T1-OS9]	[T1-OS10]	[T4-OS8]	[T4-OS7]	[T4-PS2]
	13:00~14 :30	LUNCH				
	14:30~16:30	[T1-OS11]	[T1-OS12]	[T4-OS10]	[T4-OS9]	[T4-PS3]
	16:30~17:00	COFFEE BREAK				[T4-PS4]
	17:00~18:00	CLOSURE AND PANEL DISCUSSION				
DAY 4 Sunday, MAY 22 nd 2016	8:00~17:00	FIELD TRIP				

T1: Georesources

T2: Geohazards & Risk Assessment

T3: Geomatics, GIS & Remote Sensing

T4: Environment & Sustainable Development

OS: Oral Session ; PS: Poster Session



KEYNOTES



KEYNOTE 1 : CRUSTAL STRUCTURE AND GROUND MOTION SIMULATION OF THE ARABIAN PENINSULA

Prof. Dr. Abdullah M. ALAMRI [Guest of Honor]

Dr. Abdullah M. Alamri is a professor of earthquake seismology at King Saud University (KSU; Saudi Arabia). He is also the chairman of KSU's Geology & Geophysics Department and is director of the Seismic Studies Center at KSU. He is the president of the Saudi Society for Geosciences and is editor-in-chief of the Arabian Journal of Geosciences (AJGS).

Dr. Alamri's research interests are in the area of crustal structures and seismic microzoning of the Arabian Peninsula. His recent projects also involve applications of EM and MT in deep groundwater exploration of Empty Quarter and geothermal prospecting of volcanic Harrats in the Arabian shield.....



KEYNOTE 2: MINERAL RESOURCES OF TUNISIA: STATE OF THE ART AND PERSPECTIVES

Prof. Dr. Nouri HATIRA
CEO of National Office of Mines (NOM), Tunisia

Dr. Nouri HATIRA is a professor in geological sciences. He obtained his PhD in mineral raw materials and energy at University. P. M. Curie, Paris VI- France. He served as Engineer in the Tunisian Mining Office (ONM) from 1989 until 1998. From 1998 until 2008, He was teaching and conducting research at the University of Tunis and Gabes. where he has been elected as Dean.



KEYNOTE 3: DIGITAL ROCK PHYSICS: MECHANICAL AND FLOW PROPERTIES FROM NANO-SCALE TO CORE SCALE

Prof. Dr. Mohamed SASSI
Professor of Mechanical and Materials Engineering Interim-Dean of Faculty Masdar Institute of Science and Technology Abu Dhabi, UAE

Professor Mohamed Sassi, PhD from The University of California Berkeley, has over 25 years of multi-disciplinary experience in Academia and Industry. He is an internationally known expert in multi-phase thermo-fluids, combustion, air pollution control, carbon capture and sequestration, computational fluid dynamics (CFD), reacting flows in porous media, reservoir characterization and modelling, and technology development for clean energy and environmental protection.



KEYNOTE 4: HOW TO GET PUBLISHED IN A SCIENTIFIC JOURNAL: TIPS FROM A SPRINGER NATURE EDITOR

Dr. Nabil KHELIFI
Publishing Editor | Middle East & North Africa SPRINGER, a part of SPRINGER NATURE

Writing research papers for academic journals is not easy and also very competitive. After producing data and generating ideas from your research, how do you write a clear and concise paper that attracts the attention of journal editors? How should you prepare a cover letter? How should you respond to reviewer report? A publishing editor from **Springer Nature** in Heidelberg, Germany shares his advice during two hours on how to effectively write and structure your paper, prepare a cover page and answer to reviewer comments.

Dr. Nabil Khélifi is a former researcher at GEOMAR Ocean Research Center Kiel in Germany and currently a Publishing Editor responsible for Springer's Publishing Program in the Middle East and North Africa.



ORAL SESSIONS

THEME 1: GEORESOURCES

- ✓ [T1-OS1]: May 19th, 2016; 17:00; Room CARTHAGE
- ✓ [T1-OS2]: May 20th, 2016; 08:30; Room CARTHAGE
- ✓ [T1-OS3]: May 20th, 2016; 11:00; Room CARTHAGE
- ✓ [T1-OS4]: May 20th, 2016; 14:30; Room CARTHAGE
- ✓ [T1-OS5]: May 20th, 2016; 17:00; Room SOFRA
- ✓ [T1-OS6]: May 21st, 2016; 08:30; Room CARTHAGE
- ✓ [T1-OS7]: May 21st, 2016; 08:30; Room AMILCAR
- ✓ [T1-OS8]: May 21st, 2016; 08:30; Room SOFRA
- ✓ [T1-OS9]: May 21st, 2016; 11:00; Room CARTHAGE
- ✓ [T1-OS10]: May 21st, 2016; 11:00; Room AMILCAR
- ✓ [T1-OS11]: May 21st, 2016; 14:30; Room CARTHAGE
- ✓ [T1-OS12]: May 21st, 2016; 14:30; Room AMILCAR

Theme 1: Georesources

May 19 th , 2016 [T1-OS1]	Oral Session: Structural Geology	Room CARTHAGE
Chair: Samir BOUAZIZ, Mourad BEDIR, Dalila TURKI		
17:00 ~ 17:12	ID 117:	FRACTURING OF YPRESIAN LIMESTONE IN J. OUSSELAT AND JEBIL (CENTRAL TUNISIA): FRACTAL ANALYSIS AND SCALING LAWS Anis Ammari; Chedly Abbes
17:12 ~ 17:24	ID 278:	IMPORTANCE OF THE POST-VILAFRANCHIAN COMPRESSION IN THE STRUCTURE OF JEBEL BERDA "GAFSA-NEGRINE-TOZEUR CORRIDOR" Bejaoui Wafa; Manel Hamza; Adel Rigane; Claude Gourmelen
17:24 ~ 17:36	ID 279:	IMPORTANCE OF THE SUBMERIDIAN DIRECTION ON THE APTIAN PULL-APART STRUCTURAL CONTEXT BASIN IN CENTRAL TUNISIA Moncef Feki; Adel Rigane; Claude Gourmelen
17:36 ~ 17:48	ID 330:	THE N-S AND NW-SE STRUCTURAL CORNER OF CHEMSI AND BELKHIR ANTICLINES (SOUTHERN TUNISIAN ATLAS) Manel Hamza; Bejaoui Wafa; Adel Rigane; Claude Gourmelen
17:48 ~ 18:00	ID 360:	TECTONO-SEDIMENTARY ANALYSIS OF THE JURASSIC-CRETACEOUS TRANSITION IN JEBEL BOU GOBRINE (NORTH-SOUTH CORRIDOR, CENTRAL-TUNISIA) Mohamed Kamoun; Adel Rigane; Claude Gourmelen; Lucien Leroy
18:00 ~ 18:12	ID 369:	MULTI-SCALE FRACTURE ANALYSIS OF THE ABIOD CHALKY FORMATION IN "JEBEL SIOUF" CENTRAL TUNISIA: GRAVITY EXPRESSIONS AND FIELD DATA. Slim Athimni; Fetheddine Melki; Fares Khemiri; Adnen Amiri; Belgacem Redhaounia
18:12 ~ 18:24	ID 373:	SALT TECTONICS IN A PULL-APPART BASIN: THE CASE OF EL HAMMA GRABEN (SOUTH OF TUNISIA) Mouna Hassine; Chedly Abbes; Wajih Bouzid
18:24 ~ 18:36	ID 376:	GEOMETRIC AND KINEMATIC STUDY ON A TYPICAL FAULT RELATED FOLD OF JEBEL CHEMSI, SOUTHERN TUNISIA. Hazem Trigui; Riadh Ahmadi; Jamal Ouali; Farhat Rekhiss; Eric Mercier
18:36 ~ 18:48	ID 221:	STRUCTURAL MAPPING OF PRECAMBRIAN BASEMENT FROM POTENTIAL FIELDS ANALYSIS, CASE OF GUEL B AHMER HORST. (GHADAMES BASIN, SOUTHERN TUNISIA, NORTH AFRICA) Mohamed Dhaoui; Hakim Gabtni
18:48 ~ 19:00	ID 408:	GEOLOGICAL AND GRAVITY INVESTIGATION OF THE SALT STRUCTURE OF JBEL RHEOUI (CENTRAL TUNISIA) Wajih Bouzid; Chedly Abbes; Hakim Gabtni; Mouna Hassine

Theme 1: Georesources

May 20 th , 2016 [T1-OS2]	Oral Session: Structural Geology	Room CARTHAGE
Chair: Younes JEDOU, Jamel OUALI, Hedi ZOUARI		
8:30 ~ 8:42	ID 232:	TECTONIC EVOLUTION DURING LATE MIOCENE TO QUATERNARY IN THE MATEUR REGION (NORTH-EASTERN TUNISIA) Achraf Zouari; Fehmy BELGOUTH; Wajh CHERIF; Hédi ZOUARI; Mohamed GHANMI
8:42 ~ 8:54	ID 69:	EVIDENCE OF A POP-UP STRUCTURE IN THE GHOUALGUIA ANTICLINE (CENTRAL TUNISIAN ATLAS); ROLE OF INHERITED FAULTS IN COMPRESSIVE TECTONICS. Haithem Briki; Riadh Ahmadi; Rabiaa Smida; Rekhiss Farhat
8:54 ~ 9:06	ID 326:	INVERSION OF A SENONIAN PALEOSTRUCTURE DURING THE TORTONIAN IN CENTRAL TUNISIA (ORIENTAL BORDER OF ROHIA RIFT) Farah Jarraya; Adel Rigane; Claude Gourmelen
9:06 ~ 9:18	ID 337:	MIO-PLIOCENE STRUCTURAL CONTEXT OF THE JAMMAL-ZERAMDINE SEDIMENTARY BASIN (TUNISIAN SAHEL) Maryem Kamel; Adel Rigane; Youssef Belguith
9:18 ~ 9:30	ID 352:	TECTONO-STRATIGRAPHY ZONATION OF THE SAHEL BLOCK: IMPLICATION ON HYDROCARBON PROSPECTIVITY Ahmed Nasri; Fayçal El Ferhi; Achref Boulares
9:30 ~ 9:42	ID 428:	INTEGRATION OF HYDRO-GEOPHYSICAL MULTIDISCIPLINARY INVESTIGATIONS IN THE STORAGE WATER QUANTIFICATION AND MODELING OF FRACTURED CARBONATE ROCKS IN THE AMDOUN REGION (NW TUNISIA) Belgacem Redhaounia; Achref Chabaane; Mohamed Dhaoui; Hakim Gabtni; Ayadi Yosraa; Batobo Ilondo; Naziha Mokaddem; Hadji Rihab; Younes Hamed; Mourad Bedir
9:42 ~ 9:54	ID 443:	EXTENSIONAL TECTONICS IN THE NEOGENE-QUATERNARY DEPOSITS OF NORTHEASTERN TUNISIA: CONSEQUENCE AND GEODYNAMIC SIGNIFICANCE Ramzi AZIZI; Noureddine MAHMOUDI; Lassaad CHIHI
9:54 ~ 10:06	ID 263:	MAJOR TECTONO-SEDIMENTARY EVENTS IN THE NORTHEASTERN TUNISIA DURING LATE MIOCENE TO QUATERNARY SERIES: NEWS OUTCROPS AND GEOPHYSICAL DATA FOR THE CHARACTERIZATION SUBSURFACE STRUCTURE Sofien Alyahyaoui; Hedi ZOUARI
10:06 ~ 10:18	ID 396:	THE CONGLOMERATES STRIATIONS ARE WITNESSES OF THE KINEMATIC EVOLUTION STAGES OF THE ES SATAH ANTICLINE (GAFSA BASIN). Chaouki Khalfi; Riadh Ahmadi; Farhat Rekhiss; Jamel Abdennaceur Ouali; Eric Mercier

Theme 1: Georesources

May 20 th , 2016 [T1-OS3]	Oral Session: Stratigraphy/Sedimentology	Room CARTHAGE
Chair: Fekri KAMMOUN, Mohamed OUAJA, Osama HLAL		
11:00 ~ 11:12	ID 32:	QUANTITATIVE ANALYSIS, PALEOECOLOGY AND PALEOBIOGEOGRAPHY OF EARLY CRETACEOUS OSTRACOD OF JEBEL MRHILA (CENTRAL TUNISIA) Noura Kotti; Ashraf Elewa; Ihsen Zghal; Jamel Abdennaceur Ouali
11:12 ~ 11:24	ID 63:	EVIDENCES OF CONTINENTAL CONTRIBUTIONS OF ORGANIC MATTER BY MINERALOGICAL AND PALYNOLOGICAL STUDIES OF THE YPRESIAN PHOSPHATIC SERIES OF THE GAFSA-METLAOUI BASIN Amel Hadj Ahmed; Hassene Affouri; Ali Tlili
11:24 ~ 11:36	ID 483:	GEOCHEMICAL EVALUATION OF THE LOWER FAHDENE, THE BAHLOUL AND THE BOU DABBOUS FORMATION IN THE NORTHERN GULF OF GABES: INFERRED SOURCE ROCK MATURITY AND RESERVOIR OIL IMPREGNATION Lakhdhar S ; Mabrouk El Asmi ; Belhaj Mohamed ; Bouazizi B ; and Saidi M
11:36 ~ 11:48	ID 145:	PROPOSAL FOR THE EARLY LATE ALBIAN STRATIGRAPHIC NOMENCLATURE IN NORTHWESTERN TUNISIA (SOUTHERN TETHYAN REALM) – AN UPDATE OF THE STRATIGRAPHIC FRAMEWORK Moez Ben Fadhel; Njoud Gallala; Mohamed Ben Youssef
11:48 ~ 12:00	ID 350:	FACIES ANALYSIS AND PALEOENVIRONMENT RECONSTITUTION OF THE PALEOCENE-EOCENE DEPOSITION OF FAID SECTION (CENTRAL TUNISIA) Asma Chermi; Nouha Khiari; Yahya Mounni; Mohamed Ben Youssef
12:00 ~ 12:12	ID 351:	CHAROPHYTES AS NEW TOOL FOR MORE ACCURATE STRATIGRAPHIC EVALUATION OF THE NONMARINE MESOZOIC STRATA OF TUNISIA Khaled Trabelsi ; Mohamed Soussi ; Jamel Tourir ; Carles Martín-Closas ; Michael E. Schudack
12:12 ~ 12:24	ID 560:	EVALUATION OF PH RECONSTRUCTION IN THE MEDITERRANEAN SEA FROM FORAMINIFERAL B/CA DURING THE LAST DEGLACIATION S. Boussetta; N. Kallel; F. Bassinot; E.Douville
12:24 ~ 12:36	ID 392:	EPISODES WITH REEFAL FORMATION DURING THE APTIAN – LATE CRETACEOUS. CAUSES AND GEODYNAMIC SIGNIFICATION. Kawthar Sebei; Oussama Abidi; Adnen Amiri; Mohamed Hédi Inoubli; Said Tlig; Imen Hamdi Nasr; Haifa Boussiga
12:36 ~ 12:48	ID 55:	SEDIMENTOLOGY, CLAY MINERALOGY AND SEQUENTIAL ANALYSIS OF A PHOSPHATIC SHALLOW MARINE PLATFORM: EXAMPLE OF THE LOWER EOCENE CHOUABINE FORMATION (TAMERZA AREA, SOUTH WEST OF TUNISIA) Abdel Majid Messadi; Besma Mardassi; Jamel Abdennaceur Ouali; Jamel Tourir

Theme 1: Georesources

May 20 th , 2016 [T1-OS4]	Oral Session: Stratigraphy/Sedimentology	Room CARTHAGE
Chair: Mohamed SOUSSI, Chokri YAICH, Nejb BAHROUNI		
14:30 ~ 14:42	ID 444:	LACUSTRINE LIMESTONES SILICIFICATION OF "AIN EL-GHRAB HOUAREB" (CENTRAL TUNISIA): SEDIMENTOLOGICAL AND PALEOENVIRONMENTAL STUDY Kamel Regaya and Faouzia Tili
14:42 ~ 14:54	ID 83:	FOSSIL FISH TEETH IN SEDIMENTARY PHOSPHATES OF DYR DJEBEL (ALGERIAN-TUNISIAN BORDER) Salim. BOULEMIA ; Messaoud HAMIMED
14:54 ~ 15:06	ID 87:	FACIES SEDIMENTOLOGY, MAGNETIC SUSCEPTIBILITY AND CYCLOSTRATIGRAPHY APPROACH ON UPPER LUTETIAN REINECHE MEMBER, TUNISIA Jihed Haj Massoud ; Hamdi Omar ; Hela Fakhfakh Ben Jemia ; Chokri Yaich
15:06 ~ 15:18	ID 122:	CYCLOSTRATIGRAPHY AND ASTRONOMICAL CALIBRATION OF THE SIDI KHALIF FORMATION (UPPER TITHONIAN TO LATE BERRIASIAN) IN CENTRAL TUNISIA. Hamdi Omar; Jihed Hajj Massoud; Hela Fakhfakh Ben Jemia; Chokri Yaich
15:18 ~ 15:30	ID 208:	SEDIMENTOLOGICAL ASPECTS OF THE SARIR SANDSTONE IN MESSLA OIL FIELD, SOUTHEASTERN SIRT BASIN, NORTH CENTRAL LIBYA Osama Hlal; Hassin Haweel
15:30 ~ 15:42	ID 146:	PLANKTIC FORAMINIFERAL AND RADIOLARIAN BIOEVENTS ACROSS THE APTIAN/ ALBIAN BOUNDARY IN NORTHERN TUNISIA: BIOSTRATIGRAPHIC IMPLICATIONS FOR THE SOUTHERN TETHYAN ZONAL SCHEME Moez Ben Fadhel; Njoud Gallala; Mohamed Ben Youssef
15:42 ~ 15:54	ID 207:	PETROPHYSICAL ANALYSIS OF WELL LOGS FROM BEDA FORMATION (TERTIARY), SOUTHWESTERN SIRT BASIN, LIBYA Osama Hlal; Abdussalam Matough; Mohamed Khalifa; K Mills
15:54 ~ 16:06	ID 121:	TOW NEW PARASEQUENCES IN THE UPPER PLIOCENE IN THE SEPTENTRIONAL SAHEL: PALEOENVIRONMENTAL IMPLICATION. Mouna Frigui-Hidri; Mohamed Ouaja; Mohamed Ben Youssef
16:06 ~ 16:18	ID 342:	QUANTITATIVE STUDY OF THE BEDDING-PARALLEL FIBROUS VEINS (BEEFS) HYDRAULIC FRACTURING AND RELATION WITH FLUIDS' PALEO-OVERPRESSURE EVALUATION Mourad Bouzayeni; Riadh Ahmadi; Rekhiss Farhat
16:18 ~ 16:30	ID 96:	MIDDLE JURASSIC CHAROPHYTES OF SOUTHERN TUNISIA: TAXONOMY, BIOSTRATIGRAPHY, PALEOECOLOGY AND PALEOBIOGEOGRAPHIC IMPLICATIONS Lassad Tiss; Fekri Kamoun; Mohamed Soussi; Khaled Trabelsi; Michael E. Schudack

Theme 1: Georesources

May 20 th , 2016 [T1-OS5]	Oral Session: Geochemistry/Mineralogy	Room SOFRA
Chair: Ali TLILI, Besma MARDASSI, Najet S'HIMI		
17:00 ~ 17:12	ID 44:	TRACES AND REE ELEMENTS GEOCHEMISTRY OF AIN ACHIR BEACH RED SAND, (ANNABA, NORTHEAST ALGERIA) Asma Chemam; Soraya Hadj Zobir; Menana Daif
17:12 ~ 17:24	ID 65:	MINERALOGICAL CHARACTERISATION OF SILICEOUS ROCKS (BABOUCHITE FORMATION) Jalila Essid; Raja Saidi; Ali Tlili
17:24 ~ 17:36	ID 257:	PRELIMINARY ORGANIC GEOCHEMICAL STUDY OF MIOCENE LIGNITE FROM ZERAMDINE BASIN (CENTRAL EASTERN TUNISIA) Hassene Affouri; Saida Khlifi
17:36 ~ 17:48	ID 43:	GEOSTATISTIC INTERPRETATION AND AUTOMATIC MAPPING OF THE DATA OF LITHOGEOCHEMICAL PROSPECTION: CASE OF THE DJ ZDIMM SECTOR (SETIF- ALGERIA) Toubi Nour El Houda; Hamid Mezghache
17:48 ~ 18:00	ID 107:	A CONSISTENT SET OF THERMODYNAMIC DATA IN THE SYSTEM FEO-Fe ₂ O ₃ -H ₂ O-CO ₂ -HCl-SO ₃ AND APPLICATION TO ESTIMATION OF STABILITIES OF GREEN RUSTS AND FOUGERITE Jihaine Ben Nacib; Guilhem Bourrie; Bechir Ben Thayer; Fabienne Trolard
18:00 ~ 18:12	ID 174:	ORIGIN OF SILICA IN THE PORCELANITE ROCKS FROM THE YPRESIAN PHOSPHATIC SERIES OF GAFSA-METLAOUI BASSIN, SOUTHEWESTERN TUNISIA Raja Saidi; Ali Tlili; Fakher Jamoussi; Nabil Fattah; Younes Hajj
18:12 ~ 18:24	ID 35:	ORIGIN AND EVOLUTION OF HIGH-SALINITY, Zn-Pb MINERALISING FLUIDS IN THE Pb-Zn-Hg-As EL AGUIBA AND EL ARJA ORE DEPOSITS (NORTHERN OF TUNISIA) Riadh Abidi; Najet Slim-Shimi; Christian Marignac; Nouri Hatira; Mejri Zouhaier; Christian Marignac; Faten Hammami; Srarfi Fayda; Abdela Ziz Sebei
18:24 ~ 18:36	ID 265:	MINERALOGICAL AND GEOCHEMICAL STUDIES OF HEATED PHOSPHATIC SAMPLES OF THE YPRESIAN PHOSPHATES SERIES, MAKNASSY-MEZZOUNA BASIN, CENTRAL TUNISIA Faten Jaballi; Mongi Felhi; Nabil Fattah; Kamel Zayani; Brahim Elouadi; Ali Tlili
18:36 ~ 18:48	ID 380:	THE DESERT LOESS OF MATMATA, TUNISIA Yesmine Trigui; Samir Bouaziz; Philipp Baumgart ; Dominik Faust
18:48 ~ 19:00	ID 296:	GRAIN SIZE PARAMETERS OF THE SEDIMENTARY FILLING OF SEBKHA BOUJMAL, CENTRAL TUNISIA: THE GENETIC APPROACH Najoua GHARSALLI; Elhoucine ESSEFI; Mohamed Ali TAGORTI; Chokri YAICH

Theme 1: Georesources

May 21 st , 2016 [T1-OS6]	Oral Session: Geophysics	Room CARTHAGE
Chair: Lassaad CHIH, Hela FAKHFAKH, Riadh AHMADI		
8:30 ~ 8:42	ID 24:	APPLICATION OF SEISMIC ATTRIBUTE ANALYSIS IN RESERVOIR CHARACTERIZATION, OFFSHORE NIGER DELTA Kehinde Oyeyemi; Mary Olowokere; Ahzegbobor Aizebeokhai; Oladayo Ayinde
8:42 ~ 8:54	ID 132:	GRAVITY METHOD SUPPORTING SEISMIC DATA FOR AQUIFER GEOMETRY CHARACTERIZATION: A CASE OF STUDY FROM SIDI BOUZID BASIN (CENTRAL TUNISIA) Dhekra Khazri; Hakim Gabtni
8:54 ~ 9:06	ID 315:	SEISMIC STRATIGRAPHY AND STRUCTURAL ANALYSIS OF THE EASTERN OFFSHORE TUNISIA: IMPLICATIONS FOR HYDROCARBON EXPLORATION Ghada Ben Brahim; Mohamed Hédi Inoubli
9:06 ~ 9:18	ID 366:	THE PYRENEAN EVENT DEDUCED FROM SEISMIC AND WELL DATA IN THE KAIROUAN BASIN (CENTRO-EASTERN TUNISIA): IMPLICATION FOR OIL AND GAS EXPLORATION Nadia Ben Salem; Fetheddine Melki; Fouad Zargouni; Fares Khemiri
9:18 ~ 9:30	ID 372:	GEODYNAMIC CHARACTERIZATION OF THE PELAGIAN BLOCK: A CONTRIBUTION OF GRAVITY MODELLING Mohamed Hédi Inoubli; Oussama Abidi; Adnen Amiri; Mohamed Arfaoui; Kawthar Sebei
9:30 ~ 9:42	ID 384:	GRAVIMETRY CONTRIBUTION TO THE STUCTURAL STUDY OF FAHS-BOU ARADA REGION (NE TUNISIA) Fatma Hachani; Hadhemi Balti; Ali Kadri; Bilel Bahrouni; Mohamed Gasmi
9:42 ~ 9:54	ID 210:	ELECTRICAL RESISTIVITY TOMOGRAPHY FOR COASTAL SEAWATER INTRUSION ALONG THE KORBA AQUIFER (CAP-BON) Sarra Bachtouli
9:54 ~ 10:06	ID 344:	APPLICATION OF 1D BASIN MODELLING FOR EVALUATION OF PETROLEUM POTENTIAL OF THE CHOTTS BASIN (SOUTHWESTERN TUNISIA) Saber Idriss; Samir Bouaziz; Smaoui Radouan
10:06 ~ 10:18	ID 284:	3D IMAGING OF QUARRY MATERIALS USING ELECTRICAL SOUNDINGS Abderrahmane Bouguern; Karim Allek; Mohamed Khalifa; Daoud Groune
10:18 ~ 10:30	ID 530:	CONTRIBUTION TO THE COMPREHENSION OF SEDIMENTARY SEQUENCES GEOCHEMICAL BEHAVIOUR: A PERCEPTION Amina Mabrouk El Asmi; Ian Jarvis; Habib Belayouni; RTJ Moody; Khaled El Asmi; Haifa Khaldi; Kaouther Hmaid

Theme 1: Georesources

May 21 st , 2016 [T1-OS7]	Oral Session: Structural Geology	Room AMILCAR
Chair: Adel RIGANE, Mahamoud DLALA, Hakim GABTNI		
8:30 ~ 8:42	ID 500:	STUDY OF THE CURRENT STRESS FIELDS OF TUNISIA Sinda Gaieb; Chokri Jallouli
8:42 ~ 8:54	ID 209:	FRACTURE PROPERTIES IN NATURALLY FRACTURED CARBONATE RESERVOIR (GOURIGUEUR EOCENE SYNCLINE, NORTH-EASTERN ALGERIA) Bouzenoune Azzedine; Hireche Saad; Mercier Eric; Boufaa Kamel
8:54 ~ 9:06	ID 140:	TECTONIC STRUCTURE AND PETROLEUM INTEREST IN THE GULF OF TUNIS AND NEIGHBORING AREA Wissem Dhraief; Imen Chalwati; Noureddine Boukadi
9:06 ~ 9:18	ID 158:	INFLUENCE OF FRACTURES ON THE DEVELOPMENT OF RESERVOIRS QUALITIES: A CASE STUDY FROM THE YPRESIAN IN THE GROMBALIA AREA, NORTH-EAST TUNISIA Mohamed Khalil Chemingui; Mohsen Rabhi; Salwa Bey; Noureddine Boukadi
9:18 ~ 9:30	ID 346:	STRUCTURAL AND TECTONIC-SEDIMENTARY STUDY OF ER RTEB: WEST FLANK OF JEBEL RHÉOUIS (NS CORRIDOR, CENTRAL TUNISIA) Naima Ahmadi; Adel Rigane; Claude Gourmelen
9:30 ~ 9:42	ID 86:	THE CAMPANIAN-MAASTRICHTIAN ABIOD CARBONATES IN NORTHWESTERN TUNISIA: INFLUENCES OF SALT TECTONICS ON SEDIMENTATION Fehmy Belghouthi; Achref Zouari; Mohamed Hedi Negra; Hédi Zouari
9:42 ~ 9:54	ID 280:	QUALITATIVE AND QUANTITATIVE ANALYSIS OF THE NATURAL FRACTURATION IN LIMESTONE OF THE ABIOD FORMATION (JEBEL ROUISSAT, WEST OF KAIROUAN) Rabeb Dhifaoui; Adel Rigane; Claude Gourmelen
9:54 ~ 10:06	ID 255:	THE ALBIAN OCEANIC ANOXIC EVENT (OAE) IN NORTHERN TUNISIA: STRUCTURAL AND SEDIMENTARY CONTROL OF ANOXIA VERSUS PRODUCTIVITY Zina Khalifa; Hassene Affouri; Adel Rigane
10:06 ~ 10:18	ID 377:	NEW INSIGHTS FROM SURFACE AND SUBSURFACE DATA ON THE STRUCTURAL SCHEME OF THE SRA OUERTANE REGION (LE KEF AREA, NORTH-WEST OF TUNISIA) Walid Saidi; Fayçal El Ferhi; Ali Kadri; Fatma Hachani

Theme 1: Georesources

May 21 st , 2016 [T1-OS8]	Oral Session: Geochemistry/Mineralogy	Room SOFRA
Chair: Mounir MEDHIOUB, Ali SDIRI, Nabil FATTAH		
8:30 ~ 8:42	ID 243:	EVALUATION OF MIDDLE CONIACIAN- CAMPANIAN CLAYS OF THE MEKNASSY-MEZZOUNA REGION IN THE CLINKER MANUFACTURING Mohamed Mosbahi; Ali Tlili; Mahmoud KHLIFI ; Fakher JAMOUSI
8:42 ~ 8:54	ID 272:	PRODUCTION OF SILICA GEL FROM SILICEOUS SANDS OF TUNISIA AND THEIR USE FOR DISCOLORING METHYLENE BLUE (MB) SOLUTIONS. Khalil Lazaar; Walid HAJJAJI ; Fernando ROCHA ; Joao LABRINCHA ; Alberto LÓPEZ-GALINDO ; Fakher JAMOUSI
8:54 ~ 9:06	ID 517:	IRON-MAGNESIUM RICH FLUORPHLOGOPITE NEOCRYSTALLISATION ASSOCIATED WITH POST-MAGMATIC HYDROTHERMAL ACTIVITY AT OUED BELIF (NW TUNISIA). Wiem Ben Aissa; Lassaad Ben Aissa; Abdessalem Bel Haj Amara; Said Tlig
9:06 ~ 9:18	ID 447:	STUDY OF CADMIUM ASSOCIATED WITH ORGANIC MATTER PHOSPHORITES METLAOUI GAFSA BASIN Amira Labidi; Ali Tlili
9:18 ~ 9:30	ID 56:	GEOSTATISTICAL ESTIMATION OF THE GLOBAL RESOURCES OF A KARST IRON DEPOSIT: CASE OF ANINI IRON DEPOSIT (NORTH EASTERN ALGERIAN) Hamid Mezghache; Fahima Halimi; Hayet Meliani; Sabrina Souadnia
9:30 ~ 9:42	ID 101:	IRON DEPOSIT CHAABET EL BALLOUT – NORTH EAST ALGERIEN: GEOLOGY AND ESTIMATED RESERVES BY GEOSTATISTICAL METHODS Fahima Halimi; Hamid Mezghache
9:42 ~ 9:54	ID 20:	PHYSICO-CHEMICAL CHARACTERIZATION AND TREATMENT OF IRON ORE DEPOSIT OF GARA DJEBILET, TINDOUF- ALGERIA. Salem Badjoudj; Abdelaziz Idres; Mohamed Laid Boukelloul; Issam Rouaiguia
9:54 ~ 10:06	ID 64:	PURIFICATION OF INDUSTRIAL PHOSPHORIC ACID BY TUNISIAN RAW AND ACTIVATED SMECTITIC CLAYS Wafa Trabelsi; Ali Tlili
10:06 ~ 10:18	ID 482:	A NEW BOREHOLE TEMPERATURE CORRECTION IN THE JEFFARA BASIN: IMPACT ON TANNEZUFT SOURCE ROCK THERMAL MATURITY AND ASSOCIATED HYDROCARBON GENERATION Achraf Bouaziz; Mabrouk El Asmi Amina ;Ahmed Skanji; El Asmi Khaled
10:18 ~ 10:30	ID 133:	MARBLE (ONYX) OF MAHOUNA (GUELMA, NORTE-ASTERN ALGERIA): GEOLOGICAL AND STRUCTURAL CONTEXT; STRUCTURES AND ORE GENESIS Hassiba Mansouri; Ramdane Marmi

Theme 1: Georesources

May 21 st , 2016 [T1-OS9]	Oral Session: Geomaterials	Room CARTHAGE
Chair: Fakher JAMOSSI, Mourad BENZINA, Mongi FELHI		
11:00 ~ 11:12	ID 292:	MATURATION OF DIFFERENT CLAYS WITH THERMAL WATER OF AIN EL BEY Nadia Khalil; Mouna ANDOLSI ; Abdelkrim CHAREF
11:12 ~ 11:24	ID 398:	A RAW MATERIALS FROM TABARKA USED FOR FABRICATION OF TUBULAR MEMBRANE SUPPORTS Naoufel Kamoun Kamoun; Fakher Jamoussi; Miguel Angel Rodriguez
11:24 ~ 11:36	ID 489:	CHEMICAL AND TECHNOLOGICAL CHARACTERIZATION OF JEZZA SAND (NORTHWESTERN TUNISIA): POTENTIALITIES OF INDUSTRIAL APPLICATIONS Imed Bensalah; Moufida Ben M'Barek; Ali Sdiri; Mabrouk Boughdiri
11:36 ~ 11:48	ID 160:	THE TRAVERTINE ROCKS OF GAFSA: GEOLOGICAL OVERVIEW AND POTENTIALITIES FOR USES AS BUILDING MATERIAL FOR FAÇADES AND WALL CLADDING Mohsen Henchiri; Walid Ben Ahmed; Ramdhane Benassi; Najet Slim-Shimi
11:48 ~ 12:00	ID 435:	MANUFACTURE OF LIGHTWEIGHT AGGREGATES FROM THE PLIOCENE TUNISIAN CLAY OF NABEUL REGION Bechir Moussi; Walid Hajjaji; Emna Fakhfakh; Veronique Vandeneede ; Johan Yans; Fakher Jamoussi; Mondher Hachani
12:00 ~ 12:12	ID 294:	INFLUENCE OF CLAY PURITIES ON POTASSIUM GEOPOLYMERE FORMULATION: THE EXISTENCE OF SEVERAL NETWORKS Samira Selmani; Samir.BOUAZIZ ; Ali SDIRI ; Sylvie.Rossignol
12:12 ~ 12:24	ID 52:	POTENTIALITIES OF TUNISIAN CLAY FROM THE JEBEL MORRA (MJEZ EL BEB) AREA IN THE CERAMIC INDUSTRY Faten Hammami; Riadh Abidi; Najet Slim-Shimi
12:24 ~ 12:36	ID 166:	IDENTIFICATION AND TRADITIONAL CERAMIC APPLICATION OF CLAYS FROM THE SEJNÈNE REGION IN NORTH TUNISIA Ali Bennour; Salah Mahmoudi; Ezzedine Srasra; Nouri Hatira;S. Boussen
12:36 ~ 12:48	ID 557:	USEFUL AND VALUABLE SUBSTANCES IN GAFSA REGION Zayani Kamel
12:48 ~ 13:00	ID 307:	MINERALOGICAL AND PHYSICO-CHEMICAL CHARACTERIZATION OF A MAROCCAN CLAY Hanaa. Hajjou , Latifa Saâdi , and Mohamed Waqif

Theme 1: Georesources

May 21 st , 2016 [T1-OS10]	Oral Session: Hydrogeology	Room AMILCAR
Chair: Hamed BEN DHIA, Salem BOURI, Belgacem AGOUBI		
11:00 ~ 11:12	ID 150:	HYDRO-GEOPHYSICAL AND HYDRO-GEOCHEMICAL INVESTIGATION OF COMPLEX AQUIFER SYSTEM IN ARID AND SEMI ARID REGIONS: THE NEOGENE AQUIFER SYSTEM IN HAJEB LAYOUN-JILMA-OULED ASKER AREA, CENTRAL TUNISIA Dalila Jellali; Fethi Lachaal; Mouna Andoulsi; Taher Zouaghi; Monji HAMD I and Mourad Bédir
11:12 ~ 11:24	ID 469:	INFLUENCE OF THE GROUNDWATER EXPLOITATION ON THE DRAWDOWN OF THE WATER TABLE IN THE REGION OF BISKRA (SOUTH-EASTERN ALGERIA) Abdelmalek Drouiche; Faouzi Zahi; Fethi Medjani
11:24 ~ 11:36	ID 108:	KAIROUAN BASIN UNCONVENTIONAL EXPLORATION AND GROUNDWATER RELATION Afif Arbi; Mourad Bedir; Fares Khemiri
11:36 ~ 11:48	ID 196:	MIOCENE RESERVOIR STRUCTURING AND ASSESSMENT OF GROUNDWATER QUALITY FOR IRRIGATION AND DRINKING PURPOSES IN SISSEB EL ALEM –KALAA KEBIRA BASIN Faten Houatmia; Rim Azzouzi; Sami Khomsi; Abdelkarim Charef; Mourad Bedir
11:48 ~ 12:00	ID 287:	GEOCHEMICAL INVESTIGATION OF GROUNDWATER SALINITY IN GROMBALIA SHALLOW AQUIFER: APPLICATION OF MULTIVARIATE STATISTICAL ANALYSIS Siwar Kammoun; Viviana Re; Rim Trabelsi; Kamel Zouari; Salvatore Daniele; Elisa Sacchi
12:00 ~ 12:12	ID 383:	HYDROGEOCHEMISTRY, GROUNDWATER QUALITY AND ITS ORIGIN IN THE JURASSIC AND CRETACEOUS AQUIFERS WITHIN THE WESTERN HIGH ATLAS – MOROCCO. Latifa Al Yacoubi; Lhoussaine Bouchaou; Moussa Masrour; Etienne Jaillard; Yassine Ait Brahim; Barbara Reichert
12:12 ~ 12:24	ID 471:	WATER RESOURCES ASSESSMENT IN THE WADI NIL CATCHMENT (REGION OF JIJEL, ALGERIAN EAST) Faouzi Zahi; Abdelmalek Drouiche; Souhil Mahdid; Taha Hocine Debieche
12:24 ~ 12:36	ID 26:	AN INTEGRATED ANALYSIS OF THE GEOTHERMAL POTENTIAL OF THE NORTH WEST OLKARIA FIELD (OSERIAN SANCTUARY) USING MAGNETOTELLURIC-(MT) AND TRANSIENT ELECTROMAGNETICS-(TEM) Ruth Sirma
12:36 ~ 12:48	ID 438:	HIGHLIGHTING GROUNDWATER MINERALISATION PROCESSES IN TEBESSA AQUIFER, NORTHEAST ALGERIA Layachi Gouaidia; Defafliia Nabil; Nouredine Zenati; Djamel Boubaya; Omar Rimawi; Omar A.K
12:48 ~ 13:00	ID 448:	USE OF ISOTOPIC AND HYDROCHEMICAL TOOLS FOR MANAGEMENT AND DEVELOPMENT OF WATER RESOURCES IN NORTHERN COSTAL AQUIFERS OF NEKA IN IRAN (MAZANDARAN PROVINCE) Y. Khalaj Amirhosseini, K. Zouari; F. Asgharizadeh ; F. Faridani ; S. Babaei ; S. Suvand and H. Khairy

Theme 1: Georesources

May 21 st , 2016 [T1-OS11]	Oral Session: Geophysics	Room CARTHAGE
Chair: M.H. INOUBLI, Mounir CHOUIKHI, Mohesn HENCHIRI		
14:00 ~ 14:12	ID 103:	APPLICATION OF 3D GRAVITY MODELING AND 4D MICROGRAVITY SURVEY FOR RESERVOIR MONITORING: CASE OF A DUNE RESERVOIR (NW OF TUNISIA) Marwa Djebbi and Hakim Gabtni
14:12 ~ 14:24	ID 151:	CONTRIBUTION OF GEOPHYSICS TO GEOMETRIC CHARACTERIZATION OF THE HOT SPRING OF HAMMAM SAYALA (NW TUNISIA) Achref Chabaane; Hakim Gabtni; Belgacem Redhaounia; Mohamed Jawali; Mohamed Dhaoui
14:24 ~ 14:36	ID 253:	INSIGHTS INTO THE GEOLOGICAL STRUCTURE OF HODNA (ALGERIA) FROM GRAVITY STUDY Djamel Boubaya; Chemsseddine Fehdi; Mohamed Hamoudi; Karim Allek
14:36 ~ 14:48	ID 316:	GEOPHYSICAL EVIDENCE OF IGNEOUS ACTIVITY ALONG THE EASTERNMOST COAST OF ALGERIA Djamel Boubaya; Layachi Gouaidia; Defafliia Nabil; Omar Guefaifia; Chemsseddine Fehdi
14:48 ~ 15:00	ID 484:	PROCESSING OF A SEISMIC LINE: PARAMETER SELECTION AND MODULA OPTIMIZATION Ghassen M; Mabrouk El Asmi A and Trabelsi S
15:00 ~ 15:12	ID 50:	3D SEISMIC SURVEY DESIGN OPTIMIZATION FOR THE JURASSIC DEEP TARGET RESERVOIR IN CENTRAL TUNISIA Ghassen Laouini; Ahmed Lassoued;
15:12 ~ 15:24	ID 480:	SEISMOELECTRIC FOR GEORESOURCES EXPLORATION Sunjay Sunjay; Manas Banerjee
15:24 ~ 15:36	ID 411:	SUBSURFACE GEOLOGICAL IMAGING OF THE MEDJRDA BASIN INSIGTS FROM 3D GRAVITY MODELING Adnen Amiri; Oussama Abidi; Kawthar Sebei; Imen Hamdi Nasr; Haifa Boussiga; Mohamed Hédi Inoubli;
15:36 ~ 15:48	ID 472:	A NEW GEOMETRIC AND GEODYNAMIC MODEL FOR THE TRIASSIC OUTCROPS IN NORTHERN TUNISIA: INTEGRATION OF GEOPHYSICS Amira Ayed-Khaled; Taher Zouaghi; Mohamed Ghanmi; Fouad Zargouni
15:48 ~ 16:00	ID 28:	EMERGING TRENDS IN GEOELECTRICAL RESISTIVITY IMAGING FOR NEAR-SURFACE CHARACTERIZATION Ahzegbobor Aizebeokhai; Kehinde D. Oyeyemi; Emeka E. Ekechukwu ; Olubukola Ogungbade

Theme 1: Georesources

May 21 st , 2016 [T1-OS12]	Oral Session: Petroleum Geology	Room AMILCAR
Chair: Jalel SMAOUI, Fauzi DHAHA, Khaled FEKI		
14:30 ~ 14:42	ID 89:	<p>GEOSTATISTICAL MODELLING OF THE TAGI RESERVOIR OF HASSI BERKINE SOUTH (ALGERIAN SAHARA)</p> <p>Sabrina Souadnia; Hamid Mezghache; Messaoud Hacini; Mohamed Dassamiour; Sabrina Souadnia</p>
14:42 ~ 14:54	ID 179:	<p>PETROLEUM INTEREST OF TURONIAN-CONIACIAN SERIES IN THE GULF OF GABES AND ITS NEIGHBORING AREAS</p> <p>Imen Chalwati; Wissem Dhraief; Noureddine Boukadi</p>
14:54 ~ 15:06	ID 138:	<p>THE EFFECT OF THE « TIMING » ON THE PETROLEUM POTENTIAL OF THE NORTH OF CHOTTS ZONE</p> <p>Imen Bel Hadj Ltaief; Jamel Abdennaceur Ouali; Mounir Ferjaoui</p>
15:06 ~ 15:18	ID 204:	<p>DIAGENETIC AND RESERVOIR-QUALITY EVOLUTION OF PARALIC AND SHALLOW MARINE CARBONATES: EVIDENCE FROM LOWER BEDA FORMATION (TERTIARY), SOUTHWESTERN SIRT BASIN, LIBYA</p> <p>Osama Hlal; Abdussalam Matough; Mohamed Khalifa; Brian Jones</p>
15:18 ~ 15:30	ID 387:	<p>STUDY OF PERFORMANCE OF THE WELL EL BADR 1 AND OPTIMIZATION OF PRODUCTION BY A SYSTEM OF ARTIFICIAL ACTIVATION</p> <p>M. KHEMAKHEM , M. BEN GUIZA and F. REKHISS</p>
15:30 ~ 15:42	ID 137:	<p>THE APTIAN-ALBIAN SERIES IN LE KEF PERMIT. PETROLEUM SYSTEM AND POTENTIALITIES</p> <p>Asma Meftahi; Mohamed Sabri Arfaoui, Hector Bismuth and Mohamed Hédi Negra</p>
15:42 ~ 15:54	ID 191:	<p>GEO-OIL CHARACTERIZATION BY 1D BASIN MODELING OF THE PALEOZOIC-MESOZOIC SERIES OF SOUTHEASTERN TUNISIA (GHADAMES - JEFFARA BASIN)</p> <p>Rim Chhidi; Dorra Tanfous; Ahmed Skanji; Moncef Saidi; Mohamed Soussi</p>
15:54 ~ 16:06	ID 342:	<p>QUANTITATIVE STUDY OF THE BEDDING-PARALLEL FIBROUS VEINS (BEEFS) HYDRAULIC FRACTURING AND RELATION WITH FLUIDS' PALEO-OVERPRESSURE EVALUATION</p> <p>Mourad Bouzayeni; Riadh Ahmadi; Rekhiss Farhat</p>
16:06 ~ 16:18	ID 247:	<p>EXPLORATION POTENTIAL AND JURASSIC PROSPECTIVITY IN CENTRAL WEST TUNISIA</p> <p>Marzouk Lazzez; Achref Boulares</p>



ORAL SESSIONS

THEME 2 : GEOHAZARDS & RISK ASSESSMENT

- ✓ [T2-OS1]: May 19th, 2016; 17:00; Room AMILCAR
- ✓ [T2-OS2]: May 20th, 2016; 08:30; Room AMILCAR
- ✓ [T2-OS3]: May 20th, 2016; 11:00; Room AMILCAR
- ✓ [T2-OS4]: May 20th, 2016; 14:30; Room AMILCAR

Theme 2: Geohazards & Risk Assessment

May 20 th , 2016 [T2-OS1]	Oral Session: Watershed Management	Room AMILCAR
Chair: Abdeljalil SGHARI, Abdallah BENMAMOU, Nejib KALLEL		
17:00 ~ 17:12	ID 39: EXPERIMENTAL INVESTIGATION OF FLOW REGIMES IN THE STEPPED CHANNELS Anouar Kaouachi; Boutassouna Kheira; Gafsi Mostefa ; Djaid Naima , Gahmani Ahmed and Nouis Messad	
17:12 ~ 17:24	ID 54: CHARACTERIZATION OF ANNUAL AND SEASONAL DROUGHTS IN THE HIGH PLAINS OF EASTERN ALGERIA Tassadit Kourat; Smadhi Dalila; Medjerrab Abderahmane;	
17:24 ~ 17:36	ID 319: COMPILATION OF HISTORICAL FLOODS CATALOG OF THE NORTHWESTERN ALGERIA: FIRST STEP TOWARDS AN ATLAS OF EXTREME FLOODS Miloud Sardou; Said Maouche; Hanifi Missoum;	
17:36 ~ 17:48	ID 66: MAPPING FLOOD RISK AREAS IN GABES BASIN (SOUTH-EASTERN TUNISIA) Noura Dahri; Manel Ellouze; Habib Abida; Adelefattah Atoui;	
17:48 ~ 18:00	ID 404: RAINFALL-RUNOFF MODELING IN NORTHERN TUNISIA: MULTI PRODUCTION FUNCTIONS COMPARISON USING THE MERCEDES MODEL Ahlem Gara; Khouloud Gader; Mohamed Bergaoui;	
18:00 ~ 18:12	ID 420: MAPPING OF WATER AND EROSION FORMS OF FIELD CHANGES IN THE WATERSHED OF WADI MARJ TOUIL (TAZA-MOROCCO), ACCORDING TO APPROACH PAP-CAR AND TOOL GIS Aiman Hili; Yahia EL KHALKI; Abderrahim CHIHAR and Jaouad GARTET	
18:12 ~ 18:24	ID 405: COMBINING PRINCIPAL COMPONENT ANALYSIS AND VARIGORAHPY TO STUDY THE ANNUAL PLUVIOMETRY IN THE NORTH OF TUNISIA: APPLICATION IN THE MEDJERDA BASIN Khouloud Gader; Ahlem Gara; Mohamed Slimani;	
18:24 ~ 18:36	ID 397: EFFECT OF LAND USE CHANGE ON THE RAINFALL-RUNOFF MODEL FOR SMALL URBAN CATCHMENT Fares Laouacheria; Rachid Mansouri; Moncef Chabi; Naceur Saadene;	
18:36 ~ 18:48	ID 410: EROSION SENSITIVITY ANALYSIS BY A MULTICRITERIA APPROACH CASE OF KSOB WATERSHED IN CENTRAL ALGERIA Mahmoud Hasbaia; André Paquier; Hassina Belfegas	
18:48 ~ 19:00	ID 338: MODELING THE RAINFALL-RUNOFF RELATIONSHIP WITH THE GRP MODEL AND PARAMETERS OPTIMIZATION WITH PARTICLE SWARM OPTIMIZATION: APPLICATION TO OURIKA WATERSHED (SEMI-ARID ZONE) Hasnae Boumenni; Ali BACHNOU and NourEddine ALAA	

Theme 2: Geohazards & Risk Assessment

May 20 th , 2016 [T2-OS2]	Oral Session: Slope Stability/Landslides	Room AMILCAR
Chair: Said MAOUCH, Houcem TRABELSI, Tahar ZOUAGHI		
8:30 ~ 8:42	ID 303:	GPR CONTRIBUTION TO DECIPHERING PARAMETERS STIMULATING THE SLIP ROAD AT THE REGION OF KORBOUS Romdhan Haddad; Mohamed Khaled Bouzid; Adel Klai; Rym Rabia; Mohamed Chedly Rabia
8:42 ~ 8:54	ID 58:	LANDSLIDE SUSCEPTIBILITY ASSESSMENT BY INDEXED QUALITATIVE METHOD: AN APPLICATION TO THE VALLEYS SLOPES AROUND AIN DRAHAM (KROUMIRIE, NORTH WEST TUNISIA) Ouadii El Aroui;
8:54 ~ 9:06	ID 80:	STABILITY STUDY OF SLOPES BY NUMERICAL AND ANALYTICAL METHODS. CASE OF PENETRANTE TIZI OUZOU - EAST- WEST HIGHWAY, ALGERIA Adil Roza; Mohamed Laid Boukelloul; Aissi Aissi
9:06 ~ 9:18	ID 98:	STABILITY ASSESMENT OF A CLIFF AND HAZARD CHARACTERIZATION METHODOLOGY OF THE "LANDSLIDE": APPLICATION TO KORBOUS CLIFF (CAP BON, TUNISIA). Nouha Brachen; Manel Ben Massaoud; Abdessalem El Ghali
9:18 ~ 9:30	ID 341:	CONTRIBUTION OF GEOMATIC APPROACH TO THE ANALYSIS OF LANDSLIDES IN THE SENSITIVE CLAYS OF NW TUNISIA Moussa Besdouri; Mohamed Jamel Rouis
9:30 ~ 9:42	ID 325:	ANALYSIS AND ASSESMENT OF THE IMPACT OF MARL ALTERATION ON THE LANDSLIDE OF AZAZGA, ALGERIA Nacira Bouaziz; Sabrina Haddad; Mohamed Haythem Msaddek; Bachir Malbousi
9:42 ~ 9:54	ID 99:	SLOPE INSTABILITY AND MASS MOUVEMENT IN THE NW OF TUNISIA. CASE STUDY USING STRUCTURAL APPROCHES, REMOTE SENSING AND SIG. Manel Ben Massaoud; Nouha Brachen; Abdessalem El Ghali
9:54 ~ 10:06	ID 75:	EMBANKMENT FAILURE ANALYSIS ON COMPRESSIBLE SOIL AT THE EAST SECTION CONSTRUCTION OF THE ALGERIAN EAST-WEST NATIONAL HIGHWAY Aissi Aissi; A. mimoun and R. ADIL
10:06 ~ 10:18	ID 163:	LANDSLIDING AND FLOOD HAZARDS TO THE VILLAGE OF RAS EL KEF, GAFSA BUILT ON THE QUATERNARY ALLUVIAL PLAIN OF OUED BAYECH Mohsen Henchiri; Walid Ben Ahmed; Ramdhane Benassi; Najet Slim-Shimi
10:18 ~ 10:30	ID 226:	DIMENSIONING OF PILLARS IN UNDERGROUND MINES BY ANALYTICAL AND NUMERICAL APPROACHES. (CASE OF CHAABET EL HAMRA MINE ALGERIA). Mohamed Laid Boukelloul; I HEZAIMIA and S BAJOUDJ
10:30 ~ 10:42	ID 546:	PREDICTION OF SATURATED AND UNSATURATED PERMEABILITY FUNCTIONS FOR CLAYEY SOIL Fatma Louati; Houcem Trabelsi; Mehrez Jamei

Theme 2: Geohazards & Risk Assessment

May 20 th , 2016 [T2-OS3]	Neotectonic/Seismic Risks	Room AMILCAR
Chair: Assia HARBI, Mimoun CHOURAK, Chedly ABBES		
11:00 ~ 11:12	ID 47: TECTONIC AND MICROTECTONIC STUDY OF THE GRABEN SERS Noureddine Mahmoudi; Lassaad Chihi; Ferhi Fayçal	
11:12 ~ 11:24	ID 318: NEOTECTONICS AND ASSOCIATE SEISMICITY IN NORTHWEST ALGERIA Imene Meriam Benbakhti; Said Maouche; Marco Moro; Fawzi Doumaz; Assia Harbi; Djelloul Belhai	
11:24 ~ 11:36	ID 331: REAPPRAISAL OF THE HISTORICAL SEISMICITY OF TUNISIA: METHODOLOGY AND FIRST INVESTIGATIONS Sahar Kharrat; Assia Harbi; Mustapha Meghraoui; Samir Bouaziz	
11:36 ~ 11:48	ID 345: SEISMOTECTONIC ZONATION AND APPRAISAL OF SEISMIC POTENTIAL OF QUATERNARY FAULTS IN TUNISIA Riadh Jallouli; Samir Bouaziz	
11:48 ~ 12:00	ID 310: RECENT TECTONIC ACTIVITY IN NORTHERN TUNISIA (EXEMPLE: UTIQUE STRUCTURE) Lassaad Mejri; Afifa Nahali; Mahmoud Dlala	
12:00 ~ 12:12	ID 311: EVIDENCE OF RECENT TECTONIC ACTIVITY ON DJEBEL AMMAR FAULT: STRAIN AND SEISMIC HAZARD Lassaad Mejri; Afifa Nahali	
12:12 ~ 12:24	ID 21: CONTRIBUTION OF THE FRACTURATION STUDY TO THE DEVELOPMENT OF KARSTIC PHENOMENA IN NORTH OF THE ALGERIAN SAHARA Qualid Melouah; Aziez Zeddouri; Noureddine Guezgouz	
12:24 ~ 12:36	ID 529: ARCHAEOSEISMOLOGY IN TUNISIA - A PILOT STUDY Miklos Kazmer	
12:36 ~ 12:48	ID 503: PARTICLE STRAIN FROM PROTEROZOIC BASEMENT OF NORTHERN INDIAN SHIELD Syed Ali	
12:48 ~ 13:00	ID 347: TECTONIC AND NEOTECTONIC OF MEJERDA'S MIDDLE VALLEY BY GEOMORPHOMETRY ANALYSIS AND GEOPHYSICS DATA Islem Neffati; Mohamed Chedly Rabia	

Theme 2: Geohazards & Risk Assessment

May 20 th , 2016 [T2-OS4]	Geohazards & Risk Assessment	Room AMILCAR
Chair: Nouredine BEN AYED, Nouredine BOUKADI, Med Faouzi ZAGRARNI		
14:30 ~ 14:42	ID 172:	SEISMIC RISK ASSESSMENT IN THE CITY OF IMZOUREN (NORTH OF MOROCCO), USING THE VULNERABILITY INDEX METHOD (RISK-UE) Seif-Eddine Cherif; Mimoun Chourak; Mohamed Abed and Abdelhalim Douiri
14:42 ~ 14:54	ID 368:	GEOPHYSICAL INVESTIGATIONS GUIDE GEOTECHNICAL SURVEYS IN ENGINEERING PROJECTS: A CASE STUDY FROM SILIANA AREA Wajdi Belkhiria; Farhat Ben M'barek and Wissem Marzouki
14:54 ~ 15:06	ID 237:	STUDY OF THE STABILITY OF THE SLOPE OF OPEN-PIT MINES. CASE OF THE MINING OF PHOSPHATES - TEBESSA, ALGERIA Mohamed Fredj; Abdallah Hafsaoui; Radouane Nakache and Abderrazak SAADOUN
15:06 ~ 15:18	ID 288:	STUDY OF STABILITY ROOM-AND-PILLAR UNDERGROUND MINING FOR THE MINE CHAABTE EL HAMRA ALGERIA Radouane Nakache; M. BOUKELLOUL ; M. FREDJ
15:18 ~ 15:30	ID 309:	STUDY OF EFFECTS OF SHOTS ON STABILITY OF RISK AND LAND SLIDE IN A QUARRY OPEN-PIT: CASE QUARRY LAFARGE CEMENT OF M'SILA. Abderrazak Saadoun; Abdallah Hafsaoui; Mohamed Fredj; Kamel Menacer; Radouane Nakache
15:30 ~ 15:42	ID 434:	SEISMIC RISK ASSESSMENT OF FETHIYE (MUGLA-TURKEY) AND ITS SURROUNDINGS USING SOIL AND EARTHQUAKES CHARACTERISTICS Turgay Beyaz; Levent Selcuk; Erdal Akyol; Azad Saglam Selcuk; Ali Kaya; Ulubey Ceken
15:42 ~ 15:54	ID 354:	STUDY OF THE PARAMETERS AFFECTS THE RESULTS OF BLASTING OF ROCKS. Kamel Menacer; Abdallah Hafsaoui; Mohamed Fredj; Radouane Nakache
15:54 ~ 16:06	ID 19:	VULNERABILITY ASSESSMENT OF RAINFALL INDUCED LANDSLIDE: A CASE STUDY FROM MAHARASHTRA, INDIA L.K. Sharma; Rajesh Singh; M Ansari; T Singh; Rajbal Singh; Bhoop Singh
16:06 ~ 16:18	ID 254:	FRACTURE NETWORK EFFECT ON THE PROPAGATION OF SEISMIC WAVES INDUCED BY BLASTING USED IN OPEN PIT MINING OF PHOSPHATES IN METLAOUI (GAFSA, TUNISIA) Monia Aloui; Chedly Abbes
16:18 ~ 16:30	ID 543:	LES INSTALLATIONS HYDRAULIQUES ANTIQUES D'OUED EL FAOUARA : ARCHIVE DE L'ARCHÉOSISMICITÉ DE LA FAILLE DE LA BORDURE ORIENTALE DU GRABEN DE GROMBALIA (TUNISIE NORD-ORIENTALE) Wissem Marzougui; Ameer Oueslati; Nejib BAHROUNI and Walid SHILI



ORAL SESSIONS

THEME 3: GIS & REMOTE SENSING

- ✓ [T3-OS1]: May 19th, 2016; 17:00; Room SOFRA
- ✓ [T3-OS2]: May 20th, 2016; 08:30; Room SOFRA
- ✓ [T3-OS3]: May 20th, 2016; 11:00; Room SOFRA
- ✓ [T3-OS4]: May 20th, 2016; 14:30; Room SOFRA

Theme 3: Geomatics, GIS & Remote Sensing

May 19 th , 2016 [T3-OS1]	Geomatics, GIS & Remote Sensing	Room SOFRA
Chair: Chedly RABIAA, Marouane TEMIMI, Moncef SERBAJI		
17:00 ~ 17:12	ID 291:	<p>SPATIO-TEMPORAL DISTRIBUTION OF NITRATE IN THE SURFACE WATER AND THE GROUNDWATER OF WADI EL BEY'S WATERSHED - TUNISIA</p> <p style="text-align: center;">Taoufik Gasmi; Amira Ouali; Makram Anane; Ahmed Ghrabi</p>
17:12 ~ 17:24	ID 308:	<p>RESERVOIR CHARACTERIZATION OF THE JEFFARA OF GABES AQUIFER SYSTEMS NEW INSIGHTS FROM CONSTRAINED GEOSTATISTICAL MODELLING</p> <p style="text-align: center;">Nafissa Ben Hassen ; Hayet Chihi; Rabeh Alouani; Habib Belayouni; Mohamedou Baba Sy; Ghislain De Marsily; Abdallah Ben Mammou;</p>
17:24 ~ 17:36	ID 559:	<p>INTENSE SAHARAN DUST EVENTS IN THE TUNISIAN MEDITERRANEAN REGIONS</p> <p style="text-align: center;">Karim BOUCLAGHEM</p>
17:36 ~ 17:48	ID 104:	<p>ESTIMATION OF GROUNDWATER WITHDRAW USING OBSERVATION EARTH DATA: CASE OF THE REGUEB BASIN-TUNISIA</p> <p style="text-align: center;">Emna Guerhazi; Moncef Bouaziz; Moncef Zairi</p>
17:48 ~ 18:00	ID 205:	<p>VALIDATION OF DRASTIC, GALDIT AND GLOBAL RISK METHODOLOGY TO EVALUATING GROUNDWATER VULNERABILITY OF THE SFAX PHREATIC AQUIFER, TUNISIA</p> <p style="text-align: center;">Nabila Allouche; Emna Boughariou; Ikram Jmal; Bachaer Ayed; Salem Bouri</p>
18:00 ~ 18:12	ID 477:	<p>IDENTIFICATION OF AQUIFER AREAS USING GIS FOR A SUSTAINABLE MANAGEMENT OF WATER WELLS (CASE STUDY: AIN OUSSERA REGION - ALGERIA).</p> <p style="text-align: center;">Imad Eddine Bouznad; Issam Nouiri and Fayçal Khelfaoui</p>
18:12 ~ 18:24	ID 473:	<p>CARTOGRAPHIE GÉOSTATISTIQUE DE LA SALINITÉ DES EAUX : CAS DE L'OUED RIGH: SAHARA ALGÉRIEN.</p> <p style="text-align: center;">Mohamed Sal. Belksier , Chaab Salah , Halassa Younes , Kechiched Rabeh , Abour Fella and Bouznad Imad Eddine</p>
18:24 ~ 18:36	ID 181:	<p>VULNERABILITY ASSESSMENT AND VALIDATION OF THE MODIFIED DRASTIC METHOD IN THE SIDI BOUZID AQUIFER (CENTRAL TUNISIA)</p> <p style="text-align: center;">Ikram Jmal; *, Bachaer Ayed, Nadia Khlif, Nabila Allouche, Emna Boughariou, Mouna Gontara, Monji Hamdi and Salem Bouri</p>

Theme 3: Geomatics, GIS & Remote Sensing

May 20 th , 2016 [T3-OS2]	Geomatics, GIS & Remote Sensing	Room SOFRA
Chair: Noamen REBAL, Hammadi ACHOUR, Ahmed TOUJANI		
8:30 ~ 8:42	ID 356:	THE IMPROVEMENT IN CHANGE DETECTION FROM SATELLITE IMAGES BY USING SOURCE SEPARATION Amira Echtioui; Faten Katlane
8:42 ~ 8:54	ID 452:	CLASSIFICATION OF CLAY RATE ON AIRBORNE HYPERSPECTRAL IMAGE BY UNMIXING METHODS Anis Gasmî; Cecile Gomez ; Hédi Zouari
8:54 ~ 9:06	ID 126:	DIGITAL PROCESSING CONTRIBUTION OF MULTISPECTRAL IMAGES FOR THE DETECTION AND MAPPING OF STRUCTURAL LINEAMENTS IN THE NORTH-EAST OF TUNISIA Radhia Mansour; Abdesslem El Ghali
9:06 ~ 9:18	ID 139:	REFLECTANCE SPECTROSCOPY BASED MINE WASTES SOIL CONTAMINATION ANALYSIS IN THE NORTH OF TUNISIA Faten Alayet; Nouha Mezned ; Saadi Abdeljaouead
9:18 ~ 9:30	ID 400:	HIGH RESOLUTION DEM FOR GULLIES MODELING Mohamed Amine El Maaoui; Denis Feurer; Mohamed Rached Boussema; Olivier Planchon; Mohamed Habib Smane
9:30 ~ 9:42	ID 437:	REFLECTANCE OF PLAYA EVAPORITES AS SEEN BY OPTICAL REMOTE SENSING SENSORS: CASE OF CHOTT EL JERID, TUNISIA Khairat Abbas; Jean Paul Deroïn; Samir Bouaziz
9:42 ~ 9:54	ID 23:	REMOTE SENSING AND GEOLOGY OF HOGGAR: CONTRIBUTION OF LANDSAT T.M. IMAGES TO THE GEOLOGICAL CARTOGRAPHY AT THE 1/500.000 SCALE. Ahmed Zine Eddine Saad
9:54 ~ 10:06	ID 439:	WEATHER PATTERNS FOR FOREST FIRES: A COMPREHENSIVE APPLICATION OF APRIORI ALGORITHM. CASE STUDY: THE KROUMIRIE MOUNTAINS, TUNISIA. Ahmed Toujani; Hammadi Achour; Sami Faïz
10:06 ~ 10:18	ID 552:	THE GEOMORPHOLOGICAL EVIDENCES OF SUBSIDENCE IN THE NILE DELTA: ANALYSIS OF HIGH RESOLUTION TOPOGRAPHIC DEM AND MULTI-TEMPORAL SATELLITE IMAGES Mohamed El Bastawesy; Omar Cherif

Theme 3: Geomatics, GIS & Remote Sensing

May 20 th , 2016 [T3-OS3]	Geomatics, GIS & Remote Sensing	Room SOFRA
Chair: Habib ABIDA, Hamid MEZGHACHE, Nouredine ELMAJDOUB		
11:00 ~ 11:12	ID 357:	GENERALIZING GEOLOGICAL MAPS WITH THE ARCGIS SOFTWARE: THE CASE STUDY OF "GABES- CHOTT EL FEJEJ" REGION Ibtissem Riahi; Samir Bouaziz; Hamed Ben Dhia
11:12 ~ 11:24	ID 245:	THE APPLICATION OF GIS-BASED WEIGHTS OF EVIDENCE ANALYSIS TO AEROMAGNETIC DATA FOR HYDROCARBONS EXPLORATION IN THE TRIASSIC PROVINCE, CENTRAL SOUTH ALGERIA Karim Allek; Djamel Boubaya; Abderrahmane Bouguern
11:24 ~ 11:36	ID 381:	COMBINATION OF GIS AND MATHEMATICAL MODELING TO PREDICT FLOODS IN SEMIARID AREAS. CASE OF RHERAYA WATERSHED (WESTERN HIGH ATLAS, MOROCCO) Abdelhafid El Alaoui El Fels; Ali Bachnou; Nouredine Alaa
11:36 ~ 11:48	ID 119:	THE USE OF GEOGRAPHIC INFORMATION SYSTEM FOR URBAN LAND-USE PLANNING IN THE EASTERN PART OF JIJEL REGION (NORTHEASTERN ALGERIA) Karim Remoum; Azzedine BOUZENOUNE
11:48 ~ 12:00	ID 322:	A GIS-BASED DECISION SUPPORT SYSTEM FOR THE OPTIMAL SITING OF WEATHER RADARS NETWORK Redouane Boudjema
12:00 ~ 12:12	ID 348:	GIS AND AHP APPLIED TO THE MAPPING OF VULNERABILITY IN THE GULF OF GABES Houda Sahnoun; Mohamed Moncef Serbaji; Mohamed Neji
12:12 ~ 12:24	ID 161:	TEMPORAL AND SPATIAL EVOLUTION OF A COLLAPSE CRATER BY APPLICATION OF REMOTE SENSING AND GIS (CASE OF THE WELL OKN32, HAOUD BERKAOUI, SOUTH-EASTERN ALGERIA) Mohamed Djidel; Samir DJORFI, Sofiane LABAR, Fethi MEDJANI, C. Mei-Ling HAMILTON
12:24 ~ 12:36	ID 41:	CONTRIBUTION DE LA TELEDETECTION DANS L'ETUDE DE LA DYNAMIQUE DU COUVERT VEGETAL DANS UN MILIEU STEPPIQUE, CAS DE LA WILAYA D'EL BAYADH Assia Saad
12:36 ~ 12:48	ID 168:	CONTRIBUTION OF STRUCTURAL, GEOPHYSICAL AND HYROGEOLOGICAL GIS-DATABASE IN THE COMPREHENSION OF GROUNDWATER DYNAMIC IN NEBHANA BASIN Hamdi Mohamed; Tarhouni Jamila; Zagrarni Mohamed Faouzi; Ghassen Laouini; Muller Johannes Werner; Inouiri Issam;
12:48 ~ 13:00	ID 407:	CARTOGRAPHIC AND HYDROLOGICAL STUDY OF THE WATERSHED OF MEDJERDA THROUGH THE SATELLITE IMAGES FOR ENDS OF SPATIALIZED HYDROLOGICAL MODELING Ahlem Gara; Khouloud Gader; Mohamed Raouf Mahjoub; Donia Jendoubi

Theme 3: Geomatics, GIS & Remote Sensing

May 20 th , 2016 [T3-OS4]	Geomatics, GIS & Remote Sensing	Room SOFRA
Chair: Moncef BOUAZIZ, Mohamed EI-BASTAWESY, Chafii AZRI		
14:30 ~ 14:42	ID 488:	INTEGRATION OF REMOTE SENSING TO ENHANCE ENVIRONMENTAL MONITORING PRACTICES FOR DISASTER MANAGEMENT Marouane Temimi;
14:42 ~ 14:54	ID 180:	IDENTIFICATION OF THE FAULTS DIRECTION IN DJERBA AREA USING THE GIS: SEMI-AUTOMATIC ANALYSIS OF THEMATIC MAPS Youssef Akrouf; Mahmoud Dlala;
14:54 ~ 15:06	ID 273:	ACCURACY ASSESSMENT OF MONTHLY PRECIPITATION FROM T.R.M.M. PRODUCTS OVER TUNISIAN REGION: STUDY CASE OF GABES Emna Medhioub; Moncef Bouaziz; Hammadi Achour; Samir Bouaziz;
15:06 ~ 15:18	ID 355:	PHOTOGRAMMETRIC OUTCROP ANALOGUES OF THE UPPER EOCENE CARBONATE FRACTURED RESERVOIRS (REINECHE AND BOU DABBOUS FORMATION), EASTERN TUNISIA Raja Mastouri; Mariam Ben Hammouda; Samir Bouaziz; Marc-Henri Derron ; Michel Jaboyedoff ;
15:18 ~ 15:30	ID 261:	SPATIAL AUTOCORRELATION ANALYSIS FOR THE HYPSONETRIC INTEGRAL TO DISCRIMINATE NEOTECTONIC DEFORMATIONS AND LITHOLOGIES IN UTICA-MATEUR ZONE Fatma Rabii; Chokri Jallouli; Noamen Rebai;
15:30 ~ 15:42	ID 34:	AGENT APPROACH FOR GENERALIZING TOPOLOGICAL RELATIONS BETWEEN LOOSE RIBBONS Lejdel Brahim; Kazar Okba; Samir Aknine;
15:42 ~ 15:54	ID 187:	COUPLING OF A GEOGRAPHICAL INFORMATION SYSTEM AND A DECISION SUPPORTING SYSTEM MODEL FOR THE INTEGRATED WATER RESOURCES MANAGEMENT IN THE MINING BASIN OF GAFSA (TUNISIA) Karaouli Fatma; Hamdi Mohamed; Tarhouni Jamila;
15:54 ~ 16:06	ID 419:	SPATIOTEMPORAL GROUNDWATER LEVEL PREDICTION USING MULTIVARIATE GEOSTATISTICS Ibtissem Triki; Imen Hentati; Nadia Trabelsi; Moncef Zairi;
16:06 ~ 16:18	ID 561:	EXTREME FLOODS EVENTS RECONSTRUCTION DURING THE LAST CENTURY INFERRED FROM THE EL BIBANE LAGOON (SOUTHEAST OF TUNISIA) A. Hammouda-Affouria; L. Dezileau and N. Kallel



ORAL SESSIONS

THEME 4 : ENVIRONMENT & SUSTAINABLE DEVELOPMENT

- ✓ [T4-OS1]: May 19th, 2016; 17:00; Room HASDRUBAL
- ✓ [T4-OS2]: May 20th, 2016; 08:30; Room HASDRUBAL
- ✓ [T4-OS3]: May 20th, 2016; 11:00; Room HASDRUBAL
- ✓ [T4-OS4]: May 20th, 2016; 14:30; Room HASDRUBAL
- ✓ [T4-OS5]: May 20th, 2016; 17:00; Room HASDRUBAL
- ✓ [T4-OS6]: May 21st, 2016; 08:30; Room HASDRUBAL
- ✓ [T4-OS7]: May 21st, 2016; 11:00; Room HASDRUBAL
- ✓ [T4-OS8]: May 21st, 2016; 11:00; Room SOFRA
- ✓ [T4-OS9]: May 21st, 2016; 14:30; Room HASDRUBAL
- ✓ [T4-OS10]: May 21st, 2016; 14:30; Room SOFRA

Theme 4: Environment & sustainable development

May 19 th , 2016 [T4-OS1]	Oral Session: Ground Water	Room HASDRUBAL
Chair: Jamel ROUIS, Lotfi KAMMOUN, Moncef BOUAZIZ		
17:00 ~ 17:12	ID 432:	SPATIAL, GEOCHEMICAL AND STATISTICAL ANALYSIS OF GROUNDWATER IN OUM AZZA AREA (NORD EAST, MOROCCO) Asmse Benabbou, Loubna Tifarouine, Bouchra Marouane, Abdelaziz Benhoussa, Mohammed Fekhaoui, Souad El blidi and Abdellah El Abidi
17:12 ~ 17:24	ID 454:	EVOLUTION OF CHEMISTRY OF SURFACE WATER AND GROUNDWATER OF BASIN OF SEYBOUSE WADI (NORTH EAST ALGERIAN) Naouel Bechiri; Mani Hannouche; Fateh Boutouga
17:24 ~ 17:36	ID 128:	DYNAMICS OF GROUNDWATER FLOODWAVES IN AN ALLUVIAL AQUIFER OF MERGEULLIL WADI Hamza Jerbi; Massuel Sylvain, Leduc Christian, Tarhouni Jamila
17:36 ~ 17:48	ID 147:	TYOLOGY OF THE PHYSIC-CHEMICAL QUALITY OF THE WATER OF THE AREA OF TOUGGOURT CASE: AQUIFERS OF THE INTERCALARY CONTINENTAL AND THE TERMINAL COMPLEX. S-E OF ALGERIA Sameh Habes; Larbi Djabri; Asma Bettahar
17:48 ~ 18:00	ID 170:	A MULTI-TRACER AND GEOPHYSICAL APPROACHES TO ASSESS SURFACE WATER - GROUNDWATER INTERACTIONS IN SOME SEMI-ARID REGIONS IN NORTH-EAST OF TUNISIA Anis Chekirbane; Achref Chabaane, Fethi Lachaal, Samia Khadhar, Rim Dendani, Ammar Mlayah, Hakim Gabtni, Jamila Tarhouni and Mabrouk Boughdiri
18:00 ~ 18:12	ID 534:	ASSEMENT OF GROUNDWATER SALINITY MECHANISMS IN THE COASTAL AQUIFER OF THE LOWER VALLEY MEDJERDA, NORTHERN TUNISIA Hajer Ferchichi; Mohamed Ben Hamouda; Abdallah Ben Mammou;
18:12 ~ 18:24	ID 401:	CHARACTERIZATION OF THE SPATIAL AND TEMPORAL VARIABILITY OF THE PRECIPITATION: CASE STUDY OF BIZERTE, LOW VALLEY OF THE MEDJERDA BASIN (NORTH TUNISIA) Khouloud Gader; Ahlem Gara; Mohamed Bergaoui
18:24 ~ 18:36	ID 476:	ASSESSMENT OF SURFACE WATER QUALITY OF AIN ZADA DAM (ALGERIA) USING ENVIRONMETRIC TECHNIQUES Bouguerne Ammar; Abdelhamid Khedidja; Boudoukha Abderrahmane and Lahbari Noureddine
18:36 ~ 18:48	ID 242:	STUDY OF THE TEBOURSOUK AND EL KRIB BASINS (NW TUNISIA) AND THE TRANSITION ZONE CHARACTERIZATION USING ELECTRICAL SOUNDING, SEISMIC AND GRAVITY DATA Hadhemi BALTI, Fatma HACHANI, Ali KADRI and Mohamed GASMI
18:48 ~ 19:00	ID 94:	GROUNDWATER QUALITY ASSESSMENT USING MULTIPLE LINEAR REGRESSION: CASE OF NADHOUR-SAOUAF AQUIFER (NORTHEASTERN TUNISIA) Zouheira Ibnali; Moncef Zairi

Theme 4: Environment & sustainable development

May 20 th , 2016 [T4-OS2]	Oral Session: Water Quality	Room HASDRUBAL
Chair: Lassaad DASSI, Ismail TRABELSI, Lhoussaine BOUCHAOU		
8:30 ~ 8:42	ID 16: IDENTIFICATION OF INDISPENSABLE COMPONENTS FOR A BETTER DRINKING WATER QUALITY MANAGEMENT: TUNIS CASE STUDY Mohamed Hassen Baouab; Semia Cherif	
8:42 ~ 8:54	ID 124: OPTIMIZATION OF RAW WATER INTAKE LEVEL IN A DAM RESERVOIR Mohammed Machkor; Lahcen Messaoudi	
8:54 ~ 9:06	ID 190: HYDROCHEMICAL EVIDENCE OF GROUNDWATER SALINIZATION PROCESSES IN A MULTILAYER AQUIFER SYSTEM OF NEFZAOUA BASIN, SOUTHERN TUNISIA Meriem Tarki; Marouan Ben Hammadi; Dassi Lassaad	
9:06 ~ 9:18	ID 271: GROUNDWATER MANAGEMENT USING INTEGRATED NUMERICAL SIMULATION: CASE OF SIDI BOUZID AQUIFER (CENTRAL TUNISIA) Asma Gharbi; Zouheira Ibnali; Moncef Zairi;	
9:18 ~ 9:30	ID 474: NUMERICAL SIMULATION OF WATER FLOW AND CONTAMINANTS TRANSPORT THROUGH UNDERGROUND MINING STOPES WITHIN FRACTURED ROCK MASS. Farouk Ben Abdelghan; Michel Aubertin and René Therrien	
9:30 ~ 9:42	ID 88: VALUATION OF WASTEWATER TREATED IN AGRICULTURE AND EVALUATION OF THEIR EFFECTS ON AQUIFER IN THE REGION OF EL HAJEB - SIDI ABID Manel Ghariani; Monem Kallel; Salem Bouri	
9:42 ~ 9:54	ID 118: WATER POTENTIAL AND ITS ASSOCIATED PROBLEMS IN A SEMI ARID MOUNTAIN ENVIRONMENT; CASE OF WATERSHED IN HIGH ATLAS (MOROCCO) Oumaima Bennani; SAIDI Mohamed El Mehdi	
9:54 ~ 10:06	ID 399: ASSESSMENT OF THE ARTIFICIAL RECHARGE AND THE CONTAMINATION RISK ON THE GROUNDWATER QUALITY IN THE KORBA EL MIDA COASTAL PLAIN OF CAPE BON, TUNISIA Amira Mekni; Lamia Kouzana; Abderrazek Souissi;	
10:06 ~ 10:18	ID 414: ON THE WATER QUALITY DEGRADATION OF THE SERAÏDI SPRINGS, EDOUGH MOUNTAIN (NORTH-EAST OF ALGERIA) Laroussi Beloulou; Salima Guechi; Saadane Djorfi; Khaoula Lahmar;	
10:18 ~ 10:30	ID 48: WATER UPWELLING IN OUARGLA: CAUSES AND CONSEQUENCES Sofiane Saggai; Alia Basma Abba, Asma Abbes	

Theme 4: Environment & sustainable development

May 20 th , 2016 [T4-OS3]	Oral Session: Valorization	Room HASDRUBAL
Chair: Amjad KALLEL, Ramdhane BENASSI, Foued KHMIRI		
11:00 ~ 11:12	ID 219:	RESIDUAL SOFT DRINK AND DAIRY WASTEWATER WHEY MIXTURE FOR BAKER'S YEAST PRODUCTION Mariam Kasmi; Moktar Hamdi; Amjad Kallel; Ismail Trabelsi;
11:12 ~ 11:24	ID 306:	SYNTHESIS OF CORDIERITE FROM INDUSTRIAL WASTE FLY ASH Latifa. SAÂDI; Hanaa HAJJOU and Mohamed WAQIF
11:24 ~ 11:36	ID 464:	PRELIMINARY STUDY OF QUARRIES AND STONES IN THE ROMAN CITY OF THUGGA (DOUGGA) Ameur Younes
11:36 ~ 11:48	ID 515:	CHARACTERIZATION OF THE DUST FALLOUT GENERATED BY THE AEOLIEN EROSION OF ABANDONED TAILINGS: CASE OF HAMMAM ZRIBA Chaïma Djebbi; Xavier Querol; Oriol Font; Fredj Chaabani
11:48 ~ 12:00	ID 359:	VALUATION BIKOUGOU CLAY BY USING AS A BLEACHING EARTH IN THE BLEACHING OIL NATURAL CRUDE PALM RED Eba Francois; Zue Mve Mexent; Jean Aubin ONDO; Joseph NDONG NLO
12:00 ~ 12:12	ID 336:	ENHANCEMENT OF CALCITE FORMATION IN PRESENCE OF SULFATE BARIUM: KINETIC & MORPHOLOGICAL STUDIES Lassaad Mechi; Hanen Azaza; Tiili Mohamaed; Mohamed Ben Amor; Amira Doggaz;
12:12 ~ 12:24	ID 67:	POWDERED MARBLE WASTES AS A FEASIBLE AMENDMENTS TO STABILIZE HEAVY METALS IN SLUDGE GENERATED FROM Zn-ELECTROPLATING FACTORY Khalifa Riahi; Safa Chaabane; Fredj Chaabani; Bechir Ben Thayer; Hedi Hamrouni
12:24 ~ 12:36	ID 268:	MODLLING OF MOISTURE DIFFUSING BEHAVIOR OF COMPOSITE MATERIALS WITH VEGETAL FIBRES Djelloul Gueribiz; Fatima Zohra Sahli; Frédéric Jaquemin; Silvain Freour; Hocine Bourenane
12:36 ~ 12:48	ID 332:	DISTRIBUTION OF HALOPHYTES PLANTS IN ZONE OF GABES (SOUTHERN TUNISIA) Rim Attya; moncef bouaziz; Mohamed Moncef Serbaji; Mohamed Ksibi
12:48 ~ 13:00	ID 362:	RECYCLING OF FEJ LAHDOUM AND LAKHOuat Zn-Pb MINING TAILING Jihène Nouairi; Walid HAJJAJI, Luciano SENFF, Fernando ROCHA, Rui NOVAIS, Leire BURUBERRI, Joao.A. LABRINCHA, Mounir MEDHIOUB

Theme 4: Environment & sustainable development

May 20 th , 2016 [T4-OS4]	Oral Session: Waste Treatments	Room HASDRUBAL
Chair: Monem KALLEL, Boubaker ELLEUCH, Khaled AMMAR		
14:30 ~ 14:42	ID 388: EVOLUTION OF SEVERAL SOIL PROPERTIES FOLLOWING AMENDMENT WITH RAW AND TREATED LANDFILL LEACHATE Yosr Smaoui, L. Chaari, Sami Sayadi and J. Bouzid	
14:42 ~ 14:54	ID 100: OPTIMIZATION OF PHOSPHOGYPSUM PURIFICATION USING A FULL FACTORIAL DESIGN Raida Moalla; Manel Gargouri; Foued Khmiri; Moncef Zairi	
14:54 ~ 15:06	ID 333: A NEW APPROACH FOR TREATMENT AND MANAGEMENT OF TUNISIAN LANDFILL LEACHATE VIA THE ALGAL GROWTH OF FRESH WATER CHLORELLA SP. STRAINE Marwa El Ouaer; Ismail Trabelsi; Abdennaceur Hassen	
15:06 ~ 15:18	ID 358: TREATMENT OF URBAN ANAEROBICALLY DIGESTED SLUDGE WITH ORGANIC POLYMER AND/OR INORGANIC MIXTURE OF LIME AND SODIUM SILICATE Thameur Jawadi; Abdelwaheb Chatti; Amjad Kallel; Ismail Trabelsi	
15:18 ~ 15:30	ID 37: STUDY EXPERIMENTAL IRON REMOVAL GROUNDWATER SOUTH OF ALGIERS (ILLIZI) Kateb Samir; ARBAOUI Med, BENDAOU .M	
15:30 ~ 15:42	ID 394: UP-STREAM CONTROL OF LANDFILL LEACHATE TREATMENT PROCESS FOR DECREASE OF FREQUENT BIOFOULING OF REVERSES OSMOSIS MEMBRANE Mohamed Ellouz; Amjad Kallel; Ismail Trabelsi;	
15:42 ~ 15:54	ID 531: HYDROCHEMICAL CHARACTERIZATION OF GROUNDWATER IN GASH BASIN, EASTERN SUDAN Hago Ali; Adil Elkrail	
15:54 ~ 16:06	ID 112: 15-YEARS AMEDEMMENT WITH MUNICIPAL WASTEWATER: EFFECTS ON OLIVE CULTIVATED SOIL, ZAOUIT SOUSSE PERIMETER CASE STUDY (ORIENTAL TUNISIA) Yassine Hidri; Olfa Bouzaine, Abdelkarim Charef, Naceur Jedidi and Abdennaceur Hassen	
16:06 ~ 16:18	ID 220: IMPACT OF USING AMENDMENTS (ZEOLITE, LIGNITE AND MANURE) ON SOIL PHYSICO-CHEMICAL PARAMETERS Marwa Ayari; Rim AZOUZI and Abdelkrim CHAREF	

Theme 4: Environment & sustainable development

May 20 th , 2016 [T4-OS5]	Oral Session: Bioremediation	Room HASDRUBAL
Chair: Sami SAYADI, Jalel BOUZID, Hassene AFFOURI		
17:00 ~ 17:12	ID 370:	MODELLING CARBON TURNOVER THROUGH THE MICROBIAL BIOMASS IN SOIL Hatem Ibrahim; Nadhem Brahim; Abdessatar Hatira; Marc Pansu;
17:12 ~ 17:24	ID 8:	EFFECTS OF ELECTRIC FIELD ON AEROBIC BIOLOGICAL TREATMENT OF URBAN WASTEWATER Djaber Tazdaït; Rym Salah-Tazdaït; Katia RABAHI
17:24 ~ 17:36	ID 406:	MODELING AND OPTIMIZATION OF BIOLOGICAL TREATMENT IN THE CONCEPTION OF WASTEWATER TREATMENT PLANTS WITH ACTIVATED SLUDGE Moncef Chabi; Yahia Hammar;
17:36 ~ 17:48	ID 293:	USE OF 2D ELECTRICAL RESISTIVITY TOMOGRAPHY (ERT) FOR AGRICULTURAL SOIL CHARACTERIZATION FOLLOWING DIRECT AND INTERMITTENT DIGESTED SLUDGE APPLICATION Nejib Turki; Hakim Gabtni; Ismail Trabelsi; Anis Elaoud; Karima Kouki;
17:48 ~ 18:00	ID 550:	POTENTIAL BIO_TREATMENT OF LANDFILL LEACHATE BY YEAST (CANDIDA.SPP.) Ameni Dahmeni; Majdi Snoussi; Hosni Mejri; Amjad Kallel; Ismail Trabelsi;
18:00 ~ 18:12	ID 433:	STRENGTHENING SANDY SOILS BY MICROBIAL METHODS Erdal Akyol; N. M. Dogan and O. Bozkaya
18:12 ~ 18:24	ID 178:	MAPPING POTENTIAL RADON-222 EMANATION IN THE SOIL SURFACE: APPLICATION EXAMPLE IN THE NORTHERN – WEST OF TUNISIA (JENDOUBA AND SILIANA) Aouatef Ben Elhaj Hassen; Nafaa Reguigui;
18:24 ~ 18:36	ID 159:	REMEDICATION OF PETROLEUM HYDROCARBONS-CONTAMINATED SOIL BY FENTON-LIKE OXIDATION Hadjer Ouriache; Jazia Arrar;
18:36 ~ 18:48	ID 198:	BIOREMEDIATION OF TOTAL PETROLEUM HYDROCARBONS-CONTAMINATED SOIL Imane Moumed; Jazia Arrar; Fatiha Bentahar;

Theme 4: Environment & sustainable development

May 21 st , 2016 [T4-OS6]	Oral Session: Environmental Assessment	Room HASDRUBAL
Chair: Moncef ZAIRI, Moncef KHADHRAOUI, Younes HAMED		
8:30 ~ 8:42	ID 7: COMPARATIVE ENVIRONMENTAL ASSESSMENT OF VALORIZATION STRATEGIES OF THE INVASIVE MACROALGAE ULVA FASCIATA Rym Salah-Tazdaït; Djaber Tazdaït;	
8:42 ~ 8:54	ID 176: SEDIMENTATION DYNAMICS IN A MARINE SYSTEM INFLUENCED WITH THE TIDE ACTION ELUCIDATED FROM 210PB METHOD: EXAMPLE OF THE GABES GULF (TUNISIA) Nour El Houda Hassen; Nafaa Reguigui; Foued Garbi; Rym Ennouri; Lassad Chouba; Moncef Benmansour	
8:54 ~ 9:06	ID 211: SEASONAL VARIATION OF METAL CONCENTRATION (Pb, Fe, Mn AND Zn) IN ALGAE ENTEROMORPHA AND CHAETOMORPHA FROM KORBA'S LAGOON Raja Rahmouni; Walid Oueslati; Saleh BOUDEN and Fredj CHAABANI	
9:06 ~ 9:18	ID 300: EFFECT OF THE VARIATION OF THE AIR TRAINER AND WATER PROOFING RATES ON MORTAR POROSITY IN BLOCKS FOR SUBMARINE MASSIVE Lobna Koubaa, Mohamed Jamel Rouis, Rami Hammami , Raouf Lassoued	
9:18 ~ 9:30	ID 430: COMPARISON OF BIOACCUMULATION OF HEAVY METALS FROM THE MUS SPRETUS OF TWO MOROCCAN WETLANDS: MERJA ZERGA (COASTAL) AND DAYET ERROUMI (CONTINENTAL) Loubna Tifarouine, Asmae BENABBOU , Abdelaziz BENHOUSSA , Abdellah EL ABIDI , Mohamed FEKHAOUI , LAGLITI Kaoutar , Hicham EL BRINI , Abderahmane MATAAME	
9:30 ~ 9:42	ID 466: ASSESSMENT OF THE QUALITY OF GROUNDWATER AND THE VERTICAL PROFILE OF SEDIMENT CONTAMINATION BY HEAVY METALS IN THE LAGOON OF MOULAY BOUSSELHAM"MERJA ZERGA" Kaoutar Lagliti, Mohammed FEKHAOUI , Adelouahed MEISSARA , Abdallah EL ABIDI , Rachid BENAKAM and Loubna TIFAROUINE	
9:42 ~ 9:54	ID 349: IMPACT OF ENVIRONMENTAL POLLUTION ON CAGED MUSSELS MYTILLUS GALLOPROVINCIALIS IN "SIDI BOU SAÏD MARINA" Chiraz Ladhar; Habib Ayadi	
9:54 ~ 10:06	ID 189: CONTRIBUTION OF A TIME-DOMAIN ELECTROMAGNETIC METHOD IN CONCEPTUALIZING AND MAPPING THE SALTWATER INTRUSION IN LEBNA PLAIN (NORTH-EASTERN TUNISIA) Amira Ziadi; Tarhouni Jamila; Najla Tlatli; Maki Tsujimura; Kawachi Atsushi	
10:06 ~ 10:18	ID 339: ANTIOXIDANT SYSTEM RESPONSE OF THE HYPERSALINE BRINE SHRIMP ARTEMIA SALINA LARVAE TO CADMIUM UNDER SALINITY CHANGES Rahma Thabet; Khaled Athmouni; Abdelfattah Elfeki; Habib Ayadi	
10:18 ~ 10:30	ID 481: MORPHOLOGICAL EVOLUTION OF A SANDY COAST WITH BARS: THE CASE OF THE COASTAL PRISM OF KORBA (EASTERN FRONT OF TUNISIA, GULF OF HAMMAMET, MEDITERRANEAN SEA) Zouhour Yahyaoui; Noamen Rebai; François SABATIER, Saadi ABDELJAOUAD	

Theme 4: Environment & sustainable development

May 21 st , 2016 [T4-OS7]	Oral Session: Climate Change	Room HASDRUBAL
Chair: Ameer OUESLATI, Kamel REGAYA, Hafedh RIGANE		
11:00 ~ 11:12	ID 109:	CIMATE CHANGE AND ITS IMPACTS ON GROUNDWATER RESOURCES IN MOROCCO Yassine Ait Brahim; Lhoussaine Bouchaou; Mohamed El Mehdi Saidi; Abdelfettah Sifeddine; Marieme Seif-Ennasr; Mouna Malki; Baudelaire Nda; Houria Abahous
11:12 ~ 11:24	ID 225:	IMPACTS OF CLIMATE CHANGE ON WATER RESOURCES IN ARID AND SEMI ARID REGIONS: CASE OF SFAX REGION, SOUTHEAST TUNISIA Emna Boughariou; salem Bouri; Nabila ALLOUCH , Ikram JMAL , Hafedh KHANFIR
11:24 ~ 11:36	ID 283:	SUCCESSIONS OF SEA-LEVEL CHANGES DURING THE HOLOCENE IN NORTHERN SFAX COAST DISTINGUISHED BY SEDIMENTARY FACIES STUDY AND FORAMINIFERA ASSOCIATIONS Afef Khadraoui; Chahira Zaibi; Jerome Bonnin; Finn Viehberg; Fekri Kamoun
11:36 ~ 11:48	ID 290:	HOLOCENE DEPOSITS OF HACHICHINA WETLANDS. HYDRODYNAMIC AND CLIMATIC FORCING Khaoula Benkhelifa; Chahira Zaibi; Jerome Bonnin; Fekri Kamoun
11:48 ~ 12:00	ID 343:	HIGH RESOLUTION FORAMINIFERA AND OSTRACODS RECORD OF ENVIRONMENTAL CHANGE IN KORBA LAGOON OVER THE LAST MILLENNIUM Asma Ben Hamad; Chahira Zaibi; Finn Viehberg; Martin Langer; Fekri Kamoun
12:00 ~ 12:12	ID 157:	CLIMATE SYNTHESIS OF EASTERN ALGERIA Abdelhafid Karim Farah; Mohammed Benderradji
12:12 ~ 12:24	ID 445:	WATER RESOURCES AND SUNSTAINABLE MANAGEMENT IN THE BASIN OF ZAB EAST OF BISKRA (SOUTH EAST ALGERIA) Fateh Boutouga; Derradji Zouini; Naouel Bechiri
12:24 ~ 12:36	ID 59:	HOLOCENE CLIMATE CHANGES IN THE CENTRAL MEDITERRANEAN AS RECORDED BY COASTAL-LAGOON EVOLVED INTO SEBKHA SINCE MARINE TRANSGRESSION, SOUTHEAST TUNISIA Mariem Ben Ameer; Sameh Masmoudi; Chokri Yaich; Imen Ouameni
12:36 ~ 12:48	ID 18:	DYNAMICS OF SOIL GROWN CARBON TUNISIAN CLIMATE CHANGE TO FACE - ISOTOPIC APPROACH Jaouadi Jamel; Abdessatar H, Hamouda I and Jérôme B
12:48 ~ 13:00	ID 431:	WATER MANAGEMENT AND AGRICULTURAL DEVELOPMENT IN GHARB REAGION - MOROCCO Bouchra Marouane; Asmae Benabbou; Abdelmalek Dahchour and Souad El Hajjaji

Theme 4: Environment & sustainable development

May 21 st , 2016 [T4-OS8]	Oral Session: Treatment Technologies	Room SOFRA
Chair: Younes HAJJI, Mohamed KSIBI, Neji BESBES		
11:00 ~ 11:12	ID 421:	REMOVAL OF TURBIDITY AND COLOR RELATED TO THE PRESENCE OF IRON IN THE NATURAL WATER BY COLUMN ADSORPTION ONTO WOODEN CHARCOAL Manel Ruiti; Béchir Ben Thayer
11:12 ~ 11:24	ID 72:	FEASIBILITY OF UPFLOW-DOWN FLOW SAND FILTRATION SYSTEM FOR BATHROOM GREY WATER TREATMENT: EFFICIENCIES AND MECHANISMS STUDIES Safa Chaabane; Khalifa Riahi; Bechir Ben Thayer; Hedi Hamrouni;
11:24 ~ 11:36	ID 423:	FE - KAOLINITE AS AN ADSORBENT AND HETEROGENEOUS CATALYST IN OXIDATION OF CATIONIC AND ANIONIC TEXTILE DYES Hajer Chargui; Amal Andolsi; Walid Hajjaji; Bernadette Norberg; Johan Wouters; Johan Yans; Fakher Jamoussi
11:36 ~ 11:48	ID 317:	REMOVAL OF LEAD FROM AQUEOUS SOLUTION USING A FIXED-BED COLUMN PACKED WITH CLAY Leila Khalfa; Mohamed BAGANE, Soaad SOUISSI NAJJAR and Maria Luisa CERVERA
11:48 ~ 12:00	ID 386:	NOVEL PROCESS FOR ODOUR REMOVAL FROM DIGESTED SLUDGE BY APPLICATION OF ALOE VERA GEL Thameur Jawadi; Riadh Ben Fattoum; Abdelwaheb Aydi; Amjad Kallel; Ismail Trabelsi
12:00 ~ 12:12	ID 475:	INVESTIGATION OF CHROMIUM (VI) ADSORPTION IN AGRICULTURAL SOILS USING BATCH EXPERIMENT Fatiha Benmahdi; Houda Libert; Safia Smara; Mohammed Bouhelassa; Mounira KOLI
12:12 ~ 12:24	ID 152:	COLLOIDAL PARTICLES FOR INORGANIC AND ORGANIC CONTAMINANTS REMOVAL Zied Marzougui; Boubaker Elleuch; A. Chaabouni , A. Elaissari
12:24 ~ 12:36	ID 175:	CONTAMINATION STUDY, ACCUMULATION AND MOBILITY OF SOME HEAVY METALS IN SOIL AND VEGETATION LOCATED IN THE VICINITY OF THE MINE SITE JEBEL RESSAS (NE TUNISIA). Kawther Ben Moussa; Zouheir Elouaer
12:36 ~ 12:48	ID 324:	ASSESSMENT AND MOBILITY OF HEAVY METALS IN CARBONATED MEDITERRANEAN SOILS CONTAMINATED BY OLD MINE TAILINGS, JEBEL RESSAS (NE TUNISIA) Rabaa Yousfi; Zouheir EL OUEAR, Hafedh RIGANE, Khaled MEDHIOUB
12:48 ~ 13:00	ID 13:	CHARACTERIZATION OF ORGANIC MODIFIED SMECTITE: AN APPROACH FOR ADSORPTION OF ESSENTIAL OIL OF EUCALYPTUS GLOBULUS. Sana Ghrab; Samir Bouaziz; Mourad Benzina

Theme 4: Environment & sustainable development

May 21 st , 2016 [T4-OS9]	Oral Session: Miscellaneous 1	Room HASDRUBAL
Chair: Ridha MAAMRI, Nadia MZOUGH, Younes AMEUR		
14:30 ~ 14:42	ID 106:	LAND USE CHANGES IN HERGLA (TUNISIA): SPATIAL CHARACTERISTICS AND IMPACTS ON BIODIVERSITY Meriem Chaggar; Mohsen Boubaker
14:42 ~ 14:54	ID 486:	USAGE OF HYDROGEN IN THE STEEL INDUSTRY Mounir Kahalerras; MT. Abdelghars, T. Chouchane and B.Benzina
14:54 ~ 15:06	ID 164:	SPATIAL-TEMPORAL EVOLUTION OF HEAVY METALS IN MARINE SEDIMENTS OF THE BAY OF MONASTIR, TUNISIA Nouha Khiari; Abdelfatteh Atoui; Rim Azouzi and Abdelkrim Charef
15:06 ~ 15:18	ID 299:	EFFECTS OF SIMULTANEOUS USE OF SUPERPLASTICIZER AND COLLOIDAL ADDITIVE IN PRECAST CONCRETE FOR BENTONITE BORED PILES Emna Bouali; Mohamed Jamel ROUIS
15:18 ~ 15:30	ID 412:	COMPARISON OF THE DIVALENT HEAVY METALS (ZN, CD AND NI) ADSORPTION BEHAVIOR BY NATURAL, SODIUM- AND ACID-MODIFIED MONTMORILLONITE-KSF El Mahdi Halim; Yoyness Abdellaoui; Said Belmoukhtar; Maria Tersa Olguin; Mohamed Abatal
15:30 ~ 15:42	ID 538:	CAVES OF NORTHERN CYPRUS Salih Gucel; Mustafa Merakli; Lauren Satterfield
15:42 ~ 15:54	ID 144:	STONE WEATHERING AND DEGRADATION PROCESSES ON HISTORICAL MONUMENT: A CASE STUDY FROM DJEMILA (SETIF) N E ALGERIA Fatah Nasri; Abderrahmane Boumezeur
15:54 ~ 16:06	ID 371:	WATER CONTAMINATION IN THE BIZERTE LAGOON (NORTHEASTERN TUNISIA): CAUSES AND INTENSITY Mohamed Mosbahi; M. Khlifi , N. Elmejdoub , F. Jamoussi
16:06 ~ 16:18	ID 558:	VALORIZATION OF THE COARSE TAILINGS OF THE CPG WASHING PLANTS Karim KEHILA
16:18 ~ 16:30	ID 548:	TOXICITY ASSESSMENT OF CONTAMINATED SOILS IN THE VICINITY OF AN ABANDONED MINE SITE IN NORTHERN TUNISIA Ghassen Daldoul; Radhia Souissi; Fouad Souissi; Ali Boularbah

Theme 4: Environment & sustainable development

May 21 st , 2016 [T4-OS10]	Oral Session: Miscellaneous 2	Room SOFRA
Chair: Hedi HAMROUNI, Samir TAKTAK, Mabrouk ELOUSSAIEF		
14:30 ~ 14:42	ID 70:	NUMERICAL STUDY OF TURBULENT DIFFUSION FLAME BIO-HYTHANE-AIR Ibtissem Hraiech; Abdallah Mhimid;, Jean-Charles Sautet
14:42 ~ 14:54	ID 328:	NUMERICAL SIMULATION OF THE PURIFICATION PERFORMANCES AND CHECKING OF THE CAPACITY OF CHELGHOUH LAÏD WASTEWATER TREATMENT PLANT BY GPS-X. Kherfane Wahida; Hammar Yahia; Djebabria Ouarda
14:54 ~ 15:06	ID 441:	NUMERICAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT IN A CHANNEL PARTIALLY FILLED WITH A POROUS MATERIAL USING LATTICE BOLTZMANN METHOD Kods Grissa; Raoudha Chaabane, Zied Lataoui, Adel Benselama, Yves Bertin and Abdelmajid Jemni
15:06 ~ 15:18	ID 470:	MODELING ENERGY AND ECONOMIC OPTIMIZATION OF A SYSTEM OF PRODUCTION WIND AND PHOTOVOLTAIC COUPLED TO THE ELECTRIC NETWORK TO PROTECT THE ENVIRONMENT FROM POLLUTION M Maamri; H. Bouzeboudja and M. N. Tandjaoui
15:18 ~ 15:30	ID 154:	SPATIAL DISTRIBUTION OF ORGANIC MATTER IN DESERT SOIL OF CHENINI OASIS Walha Riahi; Nadhem Brahim; Abdelhakim Bouajila; Roland Bol; Wulf Ameulung
15:30 ~ 15:42	ID 442:	THE MORPHOLOGICAL TUNISIAN HERITAGE AN OPPORTUNITY FOR SUSTAINABLE DEVELOPMENT FOR INLAND AREAS Abdeljlil Sghari; Samir Bouaziz;
15:42 ~ 15:54	ID 402:	HEAVY METAL OF SOILS IN THE LEAD-ZINC MINE KHANGUET KEF ET-TOUT Nawrez Sliti; Abdelkrim Charef
15:54 ~ 16:06	ID 327:	COLORED BENTHIC FOAMINIFERA OF THE SOUTH COAST OF GULF OF GABES, TUNISIA: GEOCHEMICAL FEATURES AND MARINE POLLUTION IMPLICATION Najla AYADI; Rania FOURATI; Jalel BOUZID
16:06 ~ 16:18	ID 171:	GROUNDWATER DEGRADATION PROCESSES MODELING IN SHALLOW AQUIFER OF DJERBA ISLAND, SOUTHEASTERN TUNISIA Faiza SOUID; Sabrine Jemai; Agoubi Belgacem; adel Kharroubi
16:18 ~ 16:30	ID 03:	ELECTRO-COAGULATION TREATMENT OF RAW AND AUTOCLAVED LANDFILL LEACHATE WITH ALUMINIUM- ALUMINIUM ELECTRODES Amjad KALLEL; Attour Anis; Ismail TRABELSI



POSTER SESSIONS

THEME 1: GEORESOURCES

- ✓ [T1-PS1]: May 20th, 2016; 08:30; HALL
- ✓ [T1-PS2]: May 20th, 2016; 10:00; HALL
- ✓ [T1-PS3]: May 20th, 2016; 11:30; HALL
- ✓ [T1-PS4]: May 20th, 2016; 14:30; HALL

[T1-PS1]	May 20, 2016 / 08:30-09:30 Poster Session: Geomaterials/Mineralogy	Room HALL
Chair: Mabrouk ELOUSSAIEF, Taoufik NAAMOUN, Habib SMIDA		
ID 418:	COMPOSITIONAL AND TECHNICAL ASSESSMENT OF THE TUNISIAN COSMETIC BASED CLAY PRODUCTS Imen Khiari ; Rita Sanchez Espejo ; Pilar Cerezo ; Carola Aguzzi ; Alberto López-Galindo ; César Viseras Iborra ; Fakher Jamoussi	
ID 446:	EVAPORITE FACIES OF THE JEBS FORMATION, OUM EL KECHEB, AREA OF GAFSA - METLAOUI : MINERALOGICAL CHARACTERIZATION , DEPOSITIONAL ENVIRONMENTS AND VALORIZATION PROSPECTS. Fatma Hassairi; Ali Tlili	
ID 202:	GEOLOGY AND MINERALIZATION OF THE PALEOZOIC BASEMENT (WESTERN ALGERIA) Nacera Hadj Mohamed; Abdelhak Boutaleb	
ID 33:	SYNTHESIS OF REFRACTORY BASIC FROM MOROCCAN GEOMATERIALS Rajaa Kamtass; Abdesalam El Bouari ; Iz-Eddine El Amrani ; Chaouki Sadik	
ID 42:	MINERALOGY AND GEOCHEMISTRY OF ALTERATION PRODUCTS OF NEOGENE HAWAIIITES OF MOKTAA EL HADID (NEFZA NORTHERN TUNISIA) Sonia Lazaar ; Randa BEN ABDALLAH ; Rania HBAIEB ; Marilyne SOUBRAND ; Emmanuel JOUSSEIN; Medhioub Mounir	
ID 297:	HOLOCENE CYCLOSTRATIGRAPHY WITHIN TUNISIAN SALINE DEPRESSIONS: SPECTRAL ANALYSIS OF A CORE FROM THE SEBKHA OF MECHIGUIG, CENTRAL TUNISIA Elhoucine ESSEFI ; Najoua GHARSALLI ; Chokri YAICH ; Mohamed Ali TAGORTI	
ID 222:	MARBLE ROCKS STRENGTH EVALUATION USING ULTRASOUND PARAMETERS Mohamed Abdelhedi; Thameur Mnif; Chedly Abbes	
ID 238:	TUNISIAN PELOIDS: FROM NATURAL MATERIEL TO HEALTH CARE PRODUCTS (COMPOSITION AND SAFETY) Samir Meftah; Imen KHIARI ; Rita SANCHEZ-ESPEJO ; César VISERAS ; Alberto LOPEZ-GALINDO ; Fakher JAMOUSI	
ID 266:	PHYSICO-CHEMICAL AND MECHANICAL CHARACTERIZATION OF CERAMIC OBTAINED FROM CLAYEY MATERIALS OF THE SIDI KHALIF FORMATION Olfa Ben Amor; Abderazak Elhechi; Ezzedine Srasra; Fouad Zargouni	
ID 295:	EFFECT OF Si/K RATIO ON THE POLYCONDENSATION OF GELS ALUMINOSILICATE: APPLICATION FOR GEOPOLYMERS PREPARATION FROM NATURAL CLAYS Samira Selmani; Samir.BOUAZIZ ; Ali.SDIRI ; Sylvie.ROSSIGNOL	
ID 497:	NEW CONDITION FOR SEPARATION OF ORTHOCLASE FROM QUARTZ OF AIN BARBAR QUARRY BY FLOTATION -EST OF ALGERIA- Abdeslam Chaib; M. BOUNOUALA ; A.IDRES ; S. BOUABDALLAH	
ID 14:	VALORISATION OF SANDS OF SIDI AICHE FORMATION FROM SIDI BOUZID AREA (JBEL KEBAR) Ikram Jabli; Taher Aloui; Fredj Chaabani	
ID 15:	CONTRIBUTION TO THE STUDY OF VALORIZATION OF MINING WASTE: CASE OF WASTE ROCK OF BOUKHADRA MINE, TEBESSA-ALGERIA. Issam Rouaiguia; Mohamed Bounouala; Abdelaziz Idres	
ID 31:	STUDY ON THE ACTIVATION OF MAGHNIA (ALGERIA) BENTONITE AND ITS TEST AS GELLING AGENT Amel Ouamrouche; Khaled.Benyounes ; Abdelbaki Benmonah	
ID 194:	CHARACTERIZATION AND APPLICATION OF EL HAUREB CLAYS (KAIROUAN) S. MAHMOUDI ; A. BENNOUR ; E SRASRA ; N. HATIRA ; F ZARGOUNI	
ID 542:	PROSPECTS OF TECHNICAL OPTIMIZATION OF THE ENVIRONMENTAL GOVERNANCE OF THE MARINE SAND DREDGING IN MOROCCO M. Hakkou; Khalid Elkhalidi; A. Benmohammadi	

Theme 1: Georesources

- ID 36:** NATURAL CLAYEY ADSORBENT FOR SELECTIVE REMOVAL OF LEAD FROM AQUEOUS SOLUTIONS
Ali Sdiri; Mohamed Khairy; Sherif El Safty; Samir Bouaziz
- ID 498:** ORGANIC GEOCHEMICAL CHARACTERIZATION AND PETROLEUM SYSTEMS OF SEDIMENTARY ROCK FROM OIL WELLS IN NORTH GHADAMES BASIN, SOUTHERN TUNISIA
Dorra Bensalem; Dhaou Akrouf; Mabrouk Montacer
- ID 90:** REPERCUSSIONS OF THE DOLOMITIZATION OF THE FRACTURED MIDDLE TURONIAN SUCCESSION OF BIRENO PLATFORM CENTRAL PART OF TUNISIA
Hajer Haj Ali ; Elhoucine Essefi ; Hanene Belghithi ; Chokri Yaich ; Jamel Tourir
- ID 262:** EXTENSION OF MIOCENE SANDS IN THE REGION OF GABES
Oumayma Zouaoui; Chedly Abbas

[T1-PS2]	May 20, 2016 / 10:00~11:15 Poster Session: Geomaterials/Mineralogy	Room HALL
Chair: Hammadi Achour, Walid HAJJAJI, Ahmed TOUJANI		
ID 512:	PHYSICO-CHEMICAL CHARACTERIZATION OF FERNANA CLAY AND BIZERTE LAGOON SEDIMENTS FOR THE MANUFACTURE OF BRICKS Saida Bousbih; Moufida Ben M'Barek; Nabihia Ben M'Barek	
ID 449:	MANUFACTURE OF ECOLOGICAL BRICKS FROM JEBEL MENCHAR GEOMATERIALS Rim Abid; Hafed El Feki; Fakher Jamoussi	
ID 183:	PHYSICO-CHEMICAL CHARACTERIZATION OF DIFFERENT THERMO MINERAL SPRINGS OF HAMMAM MESKOUTINE IN GUELMA REGION (NORTH-EAST ALGERIA) Abdelwaheb Benamara; Houria Kherici-Bousnoubra; Hamza Bouguerra	
ID 323:	VALORISATION OF WASTE DIKE FROM KHERZET YUCEF AND CHAABET EL HAMRA MINES M. OULD HAMOU ; A. MERCHICHI ; K. DERAMCHI ; A. BOUTALEB	
ID 389:	VALORIZATION AND MANAGEMENT OF WATER RESOURCES IN ZONE SEMIARID TO ARID: CASE OF THE AREA OF AIN OUSSERA (HIGH PLAINS ALGIERS, ALGERIA) Mohamed Yacine Bendjedou; Hamidi Mansour; Aissa Safa	
ID 417:	OPTIMIZATION OF FLUORO-BARYTIC MINING WASTES ADDITIONS IN THE FORMULATION OF CLINKER AND WHITE CEMENT Yousra Hayouni	
ID 451:	MINERAL CHARACTERIZATION OF BLED EL-HADBA HETEROGENEOUS PHOSPHATE DEPOSIT: CASE OF "JEBEL-ONK" ALGERIA. Toukia Tahri ; Abdellali Bouzenzana	
ID 485:	CONTRIBUTION TO THE STUDY OF AN ENRICHMENT OF MINING WASTE: CASE OF STERILE FRANCS OF THE PHOSPHATE DEPOSIT OF DJEBEL-ONK - TÉBESSA ". Sara Imane Zeghina;	
ID 493:	CHARACTERIZATION OF BUILDING MATERIALS. GRANITE DEPOSIT (GRANODIORITE) OUED EL-ANEB KEF BOUACIDA ANNABA, ALGERIA Assia Boutemdjet;	
ID 513:	MONITORING AND OPTIMIZATION OF THE LIMESTONE QUARRY EXPLOITATION'S OF THE COMPANY BIZERTE CEMENTS FROM THE ANALYSIS OF THE CUTTINGS Safa Mezza; Moufida Ben M'Barek; Houcine Tiss	
ID 532:	THE BUILDING STONE OF THE ARCHEOLOGICAL SITE OF DOUGGA (TUNISIA): IDENTIFICATION, PETROPHYSICAL CHARACTERIZATION AND KEY OF DURABILITY Karima Zoghلامي; D. Gómez-Gras ; A. Navarro ; J.D. Martín-Martín	
ID 510:	CHARACTERIZATION OF FRANCS STERILE MINE OUENZA Dirar Baala; Abdelaziz Idres; Mohamed Bounouala	
ID 74:	DEVELOPMENT OF ENRICHMENT PROCESS OF LOW-GRADE SILICA FOR GLASS MAKING Soufiane Bouabdallah ; Mohamed Bounouala ; Aissa Benselhoub ; Mykola Kharytonov	
ID 214:	REMOVAL OF IRON OXIDE AND TITANIUM OXIDE FROM KAOLIN CLAY THROUGH HCL, H ₂ SO ₄ AND OH ₃ COOH LEACHING Mohamed Chouafa; Abdelaziz Idres; Ahcène Bouhedja	
ID 436:	STUDY OF PLIOCENE CLAYS IN THE REGION OF NABEUL: POSSIBILITIES FOR USE ON THE CASTING CERAMIC DOMAIN Nadia Maalaoui ; Moussi Bechir ; Fakher Jamoussi	
ID 478:	COMPARATIVE STUDY OF TUNISIAN MEDINA CLAYS USED TRADITIONALLY IN COSMETIC AND THERAPEUTIC MUD SUSPENSIONS AND SOME EURO-MEDITERRANEAN CLAY PRODUCTS Imen Khiari; Rita Sanchez Espejo ; Pilar Cerezo ; Carola Aguzzi ; Alberto López-Galindo ; César Viseras Iborra ; Fakher Jamoussi	

Theme 1: Georesources

- ID 167:** STUDY OF THE BEHAVIOR OF THREE TUNISIAN CLAYS WHICH ARE SUITABLE FOR THE MANUFACTURE OF CERAMICS
Ali Bennour; Ezzedine Srasra; Nouri Hatira
- ID 231:** LITHO STRUCTURAL CHARACTERIZATION OF THERMAL WATERS OF THE TAMLOUKA PLAIN AND ITS SURROUNDINGS (NORTH-EASTERN ALGERIA)
Saadane Djorfi; Samir Djorfi; Mohamed Djidel; Laroussi Beloulou
- ID 275:** THE ESTIMATION OF THE HYDROGEOLOGICAL POTENTIALITY USING THE GEOPHYSICAL METHODS
Hadhemi Balti; Fatma Hachani; Ali Kadri; Mohamed Gasmi
- ID 416:** THE SOUTHERN GULF OF GABES: STRATIGRAPHY, STRUCTURE, TECTONIC EVOLUTION AND IMPLICATIONS FOR HYDROCARBON EXPLORATION
Aicha Rabia; Mohamed Hedi Inoubli ; Ali Jlalila ; Fares Khemiri

[T1-PS3]	May 20, 2016 / 11:30~12:30 Poster Session: Tectonics/Geophysics	Room HALL
Chair: El houcine ESSEFI, Hakim GABTNI, Riadh AHMADI		
ID 335:	DEVELOPING AND STRENGTHENING KNOWLEDGE ON FRACTURED RESERVOIRS: A CASE STUDY OF THE CAMPANIAN-MAASTRICHTIAN AND EOCENE RESERVOIR Safwen Makni; Samir Bouaziz	
ID 61:	TECTONIC EVOLUTION DURING LATE MIOCENE TO QUATERNARY IN THE UTIQUE REGION (NORTH-EASTERN TUNISIA) Wajih Cherif; Achraf Zouari; Hédi Zouari	
ID 120:	GEOPHYSICAL AND HYDROGEOLOGICAL CHARACTERIZATION OF CRETACEOUS AND EOCENE FRACTURED DEEP CARBONATE RESERVOIRS IN HAJEB LAYOUN-JELMA AREA (CENTRAL TUNISIA). Sourour Thebti, Dalila Jallalia, Hajer Azalez and Mourad Bédir	
ID 200:	ISOTOPIC AND MICROFACIES ANALYSIS OF LACUSTRINE-PALUSTRINE CARBOANTES IN EL GARA, TAJEROUINE NW TUNISIA Naoufel Ghannem; K. REGAYA ;	
ID 304:	ERT IMAGING OF PHOSPHATIC COVER IN NEFTA TOZEUR AREA: CONTRIBUTION TO BETTER PLAN THE EXPLOITATION PROCESS Ramdhane Benassi; Mohsen HENCHIRI ; Kamel ZAYANI	
ID 390:	GEOLOGICAL MODELING AND STRUCTURAL EVOLUTION OF THE CAP BON- GULF OF HAMMAMET PROVINCE – NORTH EASTERN TUNISIA Oussama Abidi; M. Hédi Inoubli; Kawthar Sebei; Haifa Boussiga; Adnen Amiri; Abdelhamide BenSalem; Imen Hamdi Nasr;	
ID 413:	IDENTIFICATION OF REEFAL CONSTRUCTIONS WITHIN THE CRETACEOUS SERIES OF THE GULF OF HAMMAMET. A CONTRIBUTION OF SEISMIC AND BOREHOLE DATA Dalel Manai; Mohamed Hédi Inoubli; Laouini Ghassen; Abderahmane Ouahchi;	
ID 494:	THE CRETACEOUS PHOSPHATES OF TUNISIA PLUNGE IN SUB-SURFACE TOWARDS THE WEST IN THE BASIN OF THE SOUTH-EASTERN CONSTANTINOIS IN ALGERIA Souad Bentaalla-Kace; Karima Deramchi; Tahar Aifa; Said Berdoudi; Samira Boutria; Abdelaziz Boutrid;	
ID 363:	RESTORATION AND 3D MODEL IN STRUCTURAL GEOLOGY AND PETROLEUM APPLICATION EXEMPLE: BAOUALA ES SAKKAK (MATEUR REGION) Achraf Zouari ; Fahmy Belgouthy ; Wajih Cherif ; Mohamed Ghanmi ; Hédi Zouari	
ID 224:	STRUCTURAL, SEDIMENTOLOGICAL AND PETROPHYSICAL CHARACTERIZATION OF EL GUERIA RESERVOIR (YPRESIAN) IN THE GULF OF GABES (TUNISIA). Nadhem Kassabi; Béatriz Ménéndez ; Zahra Njahi Derbali; Jamel Tourir;	
ID 340:	INFRASTRUCTURE AND MECHANICAL PROPERTIES OF THE GAFSA-JEFFARA FAULT ZONES: OUTCROP ANALOGUE STUDIES Saber Idriss; Samir Bouaziz	
ID 395:	PETROPHYSIC CHARACTERISTICS OF RESERVOIR FORMATION « QUARTZITE HAMRA » (OUED MYA BASIN, ALGERIAN SAHARA) El Hadj Youcef Brahim; El Hadj Youcef Brahim; Mohammed Chadi; Rami Djefal;	
ID 415:	INFLUENCE OF BASEMENT STRUCTURES ON GEOMETRY AND KINEMATICS OF CENTRAL TUNISIA: IMPLICATION FOR HYDROCARBON MIGRATION Makrem Harzalli; Habib Troudi; Jamel Abdennaceur Ouali	
ID 197:	3 D GEOLOGICAL MODELING OF SUBSURFACE STRUCTURES OF THE UPPER CRETACEOUS IN EASTERN TUNISIA Wafa Abdelkhalek; Fetheddine Melki ; Fouad Zargouni ; Abdelhamid Ben Salem	
ID 264:	GEOLOGICAL AND GEOPHYSICAL APPLIED FOR PROSPECTING THE SURFACE AND SUBSURFACE STRUCTURE IN THE EL ALIA REGION (NORTH-EASTERN TUNISIA) Sofien Alyahyaoui; Hedi ZOUARI	
ID 440:	SIGNIFICANCE OF MICROBIAL ANOMALIES IN IDENTIFYING THE HYDROCARBON PROSPECTS IN PARTS OF CAMBAY BASIN, GUJARAT Mohamed Seddik Bougi Mahmoud;	

Theme 1: Georesources

- ID 536:** 3D SEISMIC SURVEY DESIGN OF KAIROUAN OPEN ACREAGE
Oumaima Chamem; Ghassen Laouini; Samir Bouaziz;
- ID 97:** STUDY OF CARBONATE DEPOSITS AND CARBONATOGENESIS. EXAMPLE OF ABIOD FORMATION (CAMPANIAN / MAASTRICHTIAN) IN JEBEL M'RHILA (CENTRAL TUNISIA))
Manel Zidi; Jamel Tourir;
- ID 499:** JURASSIC UNCONFORMITY/CRETACEOUS OF THE TUNISIAN DORSALE (HAMMAM ZRIBA, NE TUNISIA) REGISTRATION GEOCHRONOLOGICAL AND PALEOGEOGRAPHIC SIGNIFICANCE
Chadia Riahi; Mabrouk Boughdiri; Kamel Regaya;
- ID 519:** THE EARLYCRETACEOUS (BARREMIAN-APTIAN) IN NORTH-EASTERN TUNISIA : DEPOSITIONAL SEQUENCES AND ONSHORE/OFFSHORE CORRELATIONS
Saoussen Mekni; Jalila Saadi; Mejri M;
- ID 110:** STRATIGRAPHIC AND STRUCTURAL RELATIONSHIP BETWEEN MESOZOIC AQUIFER AND PALEOZOIC UNCONVENTIONAL HYDROCARBON SOURCE ROCKS AND RESERVOIRS IN SOUTHERN CHOTTS BASIN OF TUNISIA
Hajer Negra; Ola Jedidi ; Elyes Gaubi; Mourad Bedir
- ID 382:** EVOLUTION OF THE BUILDING OF THE STRUCTURES OF JEBEL KHERA REGION (NORTHEASTERN TUNISIA)
Houcem Mzali; Marwa Owled mohamed

Theme 1: Georesources

[T1-PS4]	May 20, 2016 / 14:30~15:30 Poster Session: Sedimentology/Geochemistry/Hydrogeology	Room HALL
Chair: Raouf GHRIBI, Emna FAKHFAKH, Walid HAJJAJI		
ID 527:	BIOSEDIMENTARY RECONSTITUTION ESSAY OF QUATERNARY DEPOSITS OF THE LAGOON OF TUNIS (EASTERN TUNISIA) Chedia Zaara Ben Mosbeh; Fredj Chaabani; Sahar Ben Hmida; Ines Hajji	
ID 45:	GEOCHEMICAL CHARACTERIZATION OF THE FAHDENE FORMATION IN THE KEFTEDJEROUINE AREA (NORTHWESTERN TUNISIA) Tahani Hallek; Dhaou Akrouf; Riadh Ahmadi; Mabrouk Montacer	
ID 127:	RAIN-FLOW MODELLING BY THE METHOD SCS OF HEC-HMS, APPLICATION BASIN WATERSHED OF WADI SIKKAK ALGERIA Nawal Iratni	
ID 173:	STUDY OF POROSITY IN CHERAHIL FORMATION AND ITS EQUIVALENTS (MIDDLE AND UPPER EOCENE) IN THE GULF OF GABES Zahra Njahi Derbali; Nadhem Kassabi; Jamel Tourir	
ID 185:	DOLOSTONES OF MELOUSSI FORMATION IN THEIR TYPE LOCALITY: CHARACTERISATION, ENVIRONNEMENT AND DOLOMITIZATION MODELS (JEBEL MELOUSSI, CENTRAL TUNISIA) Najwa Khlifi; Jamel Tourir	
ID 276:	CHANGES IN CARBONATE FACTORY AND FAUNAL ASSEMBLAGES DURING THE CONSECUTIVE DROWNING AND RECOVERY OF THE TUNISIAN CARBONATE PLATFORM AT THE CENOMANIAN- TURONIAN BOUNDARY Chefia Mechi; Jamel Tourir	
ID 427:	RECONSTRUCTING THE HOLOCENE DEPOSITIONAL ENVIRONMENTS ALONG THE NORTHERN COAST OF SFAX (TUNISIA): MINERALOGICAL AND SEDIMENTOLOGICAL APPROACHES Ali Lamourou; Jamel Tourir; Nathalie Fagel	
ID 520:	THE PLEISTOCENE OF BIZERTE (NORTH TUNISIA): SEDIMENTOLOGY AND SEA LEVEL VARIATION Jalila Saadi; Kamel Regaya; Widad Sahli	
ID 244:	DIAGENETIC TRANSFORMATIONS ENCOUNTERED IN THE APTIAN CARBONATES OF JEBEL BELLOUTA, TUNISIA. Hanan Al Hammami; Mohamed Soussi	
ID 256:	EVALUATION OF THE HYDROGEO THERMAL RESOURCES OF SOUTHWESTERN TUNISIA Fatma Ben Brahim; Salem Bouri; Hamed Ben Dhia	
ID 259:	SIGNIFICANCE OF THE MINERALOGICAL, GEOCHEMICAL AND MAGNETIC ABRUPT CHANGE WITHIN ABIOD FORMATION AT JEBEL CHERAHIL, CENTRAL TUNISIA Elhoucine Essefi; Hajer HAJ ALI ; Hanene BELGHITHI ; Amira KHARROUBI ; Chokri YAICH ; Jamel TOUIR	
ID 425:	GEOCHEMICAL ASSESSMENT OF SILURIAN SOURCE ROCK (TANNEZUFT FORMATION) IN SOUTH REMADA PERMIT Imen Arfaoui; Najet Slim-Shimi; Anis Belhaj Mohamed	
ID 516:	SEDIMENTOLOGICAL STUDY AND PALEOCLIMATIC SIGNATURE OF FIBROUS CLAYS MINERALS (PALYGORSKITE) ASSOCIATED TO QUATERNARY CONTINENTAL CALCRETES FORM THE EASTERN PLATFORM OF TUNISIA. Emna Ben Hassine; Kamel Regaya	
ID 508:	PHYSICO-CHEMICAL AND MICROBIOLOGICAL QUALITY OF WATER COURSES OF WAD EL MALEH Taoufik Naamoun; BEJAOUI Billel ; HAJLAOUI Mohamed Rabeh ; Moncef Khadhraoui	
ID 111:	CONSIDERING LONG TERM SEDIMENTATION FOR RESERVOIR OPERATION: FOU M EL KHERZA (BISKRA, ALGERIA) Fatima Zohra Tebbi; Hadda Dridi; Mahdi Kalla;	

Theme 1: Georesources

- ID 365:** USE OF ISOTOPES FOR THE CHARACTERIZATION OF SHALLOW AQUIFERS (CHOTT DJERID, SOUTHWESTERN TUNISIA)
Zohra Kraiem; Kamel Zouari; Najiba Chkir
- ID 468:** HYDRODYNAMIC CHARACTERIZATION OF GROUNDWATER OF THE REGION OF TADJENANET _ CHELGHOU M LAID (EASTERN ALGERIA)
Abdelhamid Khedidja; Samir Djenba; Abderrahmane Boudoukha
- ID 525:** UPPER MAASTRICHTIAN-PALEOCENE-EOCENE CALCAREOUS NANNOFOSSILS BIOSTRATIGRAPHY FROM JEBEL ADOUANI/KEF NSOUR SECTION (NORTHERN TUNISIA)
Ilef Belhaj Taher; Emanuella Mattioli; Mohamed Soussi
- ID 227:** GRAIN SIZE AND CLAY MINERALOGY OF BARREMIEN DEPOSITS ON A TECTONICALLY ACTIVE SHELF IN CENTRAL TUNISIA: DEPOSITIONAL ENVIRONMENTS AND CLIMATIC EVOLUTION
Amami Mouna; Besma MARDASSI ; Abdel Majid MESSADI; Jamel Abdennaceur OUALI I
- ID 426:** STUDY OF HYDRAULIC AND TECTONIC FRACTURATION WITHIN ZEMLET EL BEIDHA AREA (NORTH CHOTT RANGE)
Nabil Abaab; Dhaou Akrouf; Riadh Ahmadi; Mabrouk Montacer
- ID 495:** COMPARISON OF HYDROCARBONS AND PHOSPHATES THROUGH PALEOGEOGRAPHY OF SOUTH-EASTERN CONSTANTINOIS BASIN IN ALGERIA
Souad Bentaalla-Kace; Karima Deramchi; Salima Chabou-Moustefai; Tahar Aifa; Abdelaziz Boutrid; Said Berdoudi
- ID 555:** HYDROGEOCHEMICAL AND HYDROGEOLOGICAL STUDY OF A KARST AQUIFER IN THE TEZBENT PLATEAU, TEBESSA REGION, NORTHEAST OF ALGERIA
BELFAR Dalila ; FEHDI Chemseddine ; ARFIB Bruno ; AUDRA Philippe



POSTER SESSIONS

THEME 2: GEOHAZARDS & RISK ASSESSMENT

- ✓ [T2-PS1]: May 20th, 2016; 16:00; HALL
- ✓ [T2-PS2]: May 20th, 2016; 17:30; HALL

Theme 2: Geohazards & Risk Assessment

[T2-PS1]	May 20, 2016 / 16:00~17:15 Poster Session	Room HALL
Chair: Abdeljalil SGHARI, Salwa SAIDI, Raouf GHRIBI		
ID 526:	STUDY OF THE STABILITY OF TUNNEL BY NUMERICAL MODELING Ilyes Hezaimia; Mohamed Laid Boukelloul; Chafia Merah	
ID 239:	INFLUENCE OF BLASTING ON THE STABILITY OF STANDS. PHOSPHATE MINING - TEBESSA, ALGERIA. Mohamed FREDJ ; Abdallah HAFSAOUI ; Abdou SAADOUN	
ID 27:	COMPARATIVE STUDY OF STRONG GROUND MOTION DURATION IN SOFT SOILS Issam Aouari; Malek Hammoutene	
ID 155:	STUDY OF THE EFFECT OF DAIRY ADDITIONS AND LIMESTONE ON THE PHYSICO-MECHANICAL PROPERTIES OF CEMENT MATERIALS: THE CASE OF THE CEMENT INDUSTRY IN THE AIN TOUTA Sara Imane Zeghina; M. BOUNOUALA	
ID 105:	STUDY OF THE INSTABILITY OF THE LAND : TYPOLOGY AND MAPPING CASES OF THE WILAYA OF SETIF (EASTERN ALGERIA) Samir Djenba; Abdelhamid Khedidja; Abderrahmane Boudoukha	
ID 165:	DAM BREAK RISK ASSESSMENT USING TELEMAT AND GIS TECHNOLOGIES: CASE OF HAMIZ DAM IN ALGERIA Hamza Bouchehed; Mustapha Kamel Mihoubi; Oussama Derdous; Djemili Lakhdar	
ID 364:	EVALUATION OF LANDSLIDE FACTORS IN CERTAIN NEIGHBORHOODS OF LIBREVILLE (FOR PK6 & PK8) Charles ABESSOLO ELOUMA ; François EBA ; Jean Jacques NGAKA	
ID 501:	QUANTIFICATION OF VERTICAL MOVEMENTS RELATED TO THE ALPINE TECTONICS IN NORTHERN TUNISIA. Hnia Saadouni; Rabeh Alouani	
ID 378:	SEISMOLOGICAL AND GEOPHYSICAL STUDIES AROUND CAIRO AREA, EGYPT Gamal Hassan;	
ID 540:	PATHOLOGIC APPROACH FOR RETAINING STRUCTURES Zahia Kechouane; Ammar Nechnech; Boualem El Kechebour	
ID 496:	GEOLOGY AND ITS EFFECT ON BLASTING S. Yahyaoui ; A. Hafsaoui ; K. Talhi	
ID 298:	EVALUATION OF POTENTIAL RISKS ASSOCIATED WITH THE FAILURE OF BABAR DAM IN ALGERIA Asma Boutalaa; Hamza Bouchehed; Oussama Derdous; Djemili Lakhdar	
ID 379:	LANDSLIDE STUDY OF LANDS IN QUARRIES BY DIGITAL MODELING. CASE CHOUF AMAR - M'SILA, ALGERIA Abderrazak Saadoun; Abdallah Hafsaoui; Mohamed Fredj; Kamel Menacer	
ID 511:	IMPROVING ENGINEERING CHARACTERISTICS OF SOILS USING CEMENT GROUTING Erdal Akyol	
ID 282:	SIMULATION, BREAKING, BABER DAM, ALGERIA. Gaagai Aissam; Abderrahmane Boudoukha; Abderrahmane Boumazbeur	
ID 524:	PREDICTION AND REDUCTION OF BLAST VIBRATION-A NEW APPROACH Sonia Feltane; Sami Yahyaoui; Korichi Talhi	
ID 353:	DIGITAL PHOTOGRAMMETRY FOR STRUCTURAL ANALYSIS ON THE CLIFF OF DJBEL KORBOUS NORTHERN TUNISIA Mariam Ben Hammouda; Raja Mastouri ; Samir Bouaziz; Marc-Henri Derron ; Michel Jaboyedoff	
ID 545:	EVAPORATION RATE DEPENDENCE OF DESICCATION OF CLAYEY SOILS Houcem Trabelsi; Latifa El Ghezal; Mehrez Jamei;	
ID 554:	CONCEPTUAL MODELISATION OF SPATIO-TEMPORAL DATABASE BASED ON WIRELESS SENSOR NETWORK TO FOLLOW DROUGHT INDICATORS Walid Fantazi, T. Ezzedine and Z. Bargaoui	

Theme 2: Geohazards & Risk Assessment

[T2-PS2]	May 20, 2016 / 17:30~18:30 Poster Session	Room HALL
Chair: Ali SDIRI, Salwa SAIDI, Raouf GHRIBI		
ID 22:	USE OF THE GEOPHYSICAL METHODS TO THE DESCRIPTION OF KARSTS IN THE SOUTHERN ALGERIA: AREA OF GUERRARA (GHARDAÏA. ALGERIA) Qualid Melouah; Aziez Zeddouri	
ID 40:	ANALYSE DES EVENTUELS IMPACTS DU CHANGEMENT CLIMATIQUE SUR LES COURBES INTENSITE-DUREE-FREQUENCE (IDF) Kaouachi Anouar; BOUTAGHANE ; BESSAKELIA	
ID 248:	CONTRIBUTION OF GIS TO EVALUATE SURFACE WATER POLLUTION BY HEAVY METALS: CASE OF ICHKEUL LAKE (NORTHERN TUNISIA) Amira Yazidi; Salwa Saidi; Fadila Darragi	
ID 270:	MODELING OF PRECIPITATION AND GROUNDWATER FLOW OF AIN EL HAMMAMIN SLIP Hizia Zerarka; Mustapha Akchich; Florent Prunier	
ID 320:	HYDROCLIMATOLOGICAL STUDY OF THE WADI BISKRA BASIN (SOUTH EAST OF ALGERIA) A. MERCHICHI; O. MIMOUNI; M. OULD HAMOU; K. DERAMCHI	
ID 367:	GEOCHEMICAL SPECIATION AND RISK ASSESSMENT OF TRACE METALS IN LONG-TERM IRRIGATED SOILS WITH TREATED WASTEWATER Rim Azouzi; Abdelkrim Charef;	
ID 79:	PREDICTION OF FLOOD HYDROGRAMS IN THE MIDDLE CHELIF BASIN Mohamed RENIMA ; Mohamed REMAOUN	
ID 192:	FLOODS IN SFAX CITY: A TERRITORIAL APPROACH OF VULNERABILITIES TARGETING BETTER RISKS MANAGEMENT Hayet Hmercha; Daoud Abdelkarim; Thierry Saint Gerand	
ID 518:	PROBABILITY DISTRIBUTION OF FLOOD FLOWS IN TUNISIA Habib Abida; Manel Ellouze	
ID 230:	MODELLING OF WATER EROSION ON GIS AND UNIVERSAL SOIL LOSS EQUATION IN THE LOWER VALLEY OF THE MEJERDA (NORTH EAST TUNISIA) Adel Klai; Mohamed Chedly Rabia	
ID 17:	CONTRIBUTION OF GRAVIMETRY AND HYDROCHEMISTRY IN THE STUDY OF THE TERMINAL COMPLEX KARSTS AQUIFER CASE OF OUARGLA AND WADI RIGH (SOUTH EAST OF ALGERIA) Qualid Melouah ; Aziez Zeddouri ; Nouredine Guezgouz	
ID 49:	QUANTIFICATION AND MODELING OF SUSPENDED SOLID TRANSPORT IN THE WATERSHED OF MEKERRA WADI (NORTH WEST ALGERIA) Salah Mokadmi ; Chérif El-Amine	
ID 141:	INTEGRATION OF THE RUSLE MODEL IN THE GIS FOR IDENTIFYING WATER EROSION AND SEDIMENT YIELD ASSESSMENT IN HAMMAM DEBAGH RESERVOIR Hamza Bouguerra ; Abderrazak Bouanani ; Kamel Khanchoul ; Oussama Derdous ;	
ID 467:	MODELLING OF THE SPATIAL VARIABILITY OF SEDIMENT YIELD IN HILLSIDE RESERVOIRS IN THE TUNISIAN DORSAL AND CAP BON BASED ON MORPHOMETRIC PARAMETERS USING DISCRIMINANT FACTORIAL ANALYSIS Imen Ayadi ; Habib ABIDA	
ID 249:	CHARACTERIZATION OF CLIMATE VARIABILITY AND INDICES MAPPING REVEALING DROUGHT USING A GIS: APPLICATION TO SEYBOUSE BASIN (NORTHEAST ALGERIA) Amina KHEZAZNA ; Hocine AMARCHI ; Fouad BOUSAKHRIA	
ID 541:	INTERPRETATION OF SHORELINE POSITION FROM AERIAL PHOTOGRAPHS: CASE OF SOUTH COASTLINE OF EL JADIDA (ATLANTIC COAST OF MOROCCO) K. El Khalidi ; A. Minoubi ; M. Hakkou ; B. Zourarah ; F. Leone	
ID 286:	IMPACT OF EAST-WEST HIGHWAY ON THE HYDROLOGICAL REGIME OF THE NATIONAL PARK OF EL KALA (ALGERIA) Tarek Ninouh	
ID 289:	EROSION RISK ASSESSMENT BY USING THE RUSLE MODEL: CASE OF CHEFFIA WATERSHED (NORTH-EAST ALGERIA) Chemss-Eddine BOUHADEB ; Mohamed Redha MENANI ; Hamza BOUGUERRA ; Oussama DERDOUS	



POSTER SESSION

THEME 3: GIS 1 REMOTE SENSING

✓ [T3-PS1]: May 21st, 2016; 08:30; HALL

Theme 3: Geomatics, GIS & Remote Sensing

[T3-PS1]	May 21, 2016 / 08:30-09:30 Poster Session	Room HALL
Chair: Samir BOUAZIZ, Moncef BOUAZIZ, Mongi FELHI		
ID 46:	A GIS BASED APPROACH TO THE IMPLEMENTATION OF A WASTEWATER TREATMENT PLANT Defafia Nabil; Hadji Rihab	
ID 206:	MONITORING OF SOIL SALINITY USING HYPERSPECTRAL AND MULTISPECTRAL DATA IN SEMI ARID AREA Hela TRIKI FOURATI ; Moncef BOUAZIZ; Samir BOUAZIZ ; Mourad BENZINA ;	
ID 228:	MAPPING RECHARGE POTENTIAL ZONES AND NATURAL RECHARGE CALCULATION IN GAFSA REGION, SOUTH TUNISIA. Naziha MOKADDEM ; Younes HAMED ; Salem BOURI	
ID 453:	IDENTIFICATION OF LIMESTONE VARIATION IN SOIL USING STATISTICAL ANALYSES ON FIELD AND HYMAP DATA Anis Gasmi ; Cecile Gomez ; Hedi Zouari	
ID 522:	THE SPATIOTEMPORAL MODELLING OF THE LAKE OF NEBHANA (CENTRAL TUNISIA) Karim Lahmar; Jean Pierre Larue	
ID 553:	GEOMORPHOLOGICAL EVOLUTION OF CHOTT DJERID USING RADARSAT IMAGERY Omar Kammoun; Med Moncef Serbaji	
ID 131:	ESTABLISHMENT OF MINING BLOCK MODEL OF P ₂ O ₅ GRADE USING GEOSTATISTICAL MODELING: THE CASE OF KEF ESSENNOUN PHOSPHATE DEPOSIT, ALGERIA Mohamed Dassamiour ; Hamid Mezghache	
ID 509:	MORPHOSTRUCTURAL ANALYSIS OF THE DELTA AND SURROUNDING MEJERDA. GEOMATICS CONTRIBUTIONS. Bouzid Mohamed Khaled ; Haddad Romdhan ; Adel Klai ; Rym Rabia ; Rabia Mohamed Chedly	
ID 251:	SEMI-AUTOMATIC APPROACH FOR LAND COVER CLASSIFICATION : A REMOTE SENSING STUDY FOR SEMI-ARID CLIMATE IN SOUTH-EASTERN TUNISIA Moncef BOUAZIZ ; Stefanie EISOLD ; Emna GUERMAZI	
ID 267:	ANALYSIS OF AEROSOL OPTICAL DEPTH RETRIEVED FROM MODIS OVER NORTH AFRICA AND EUROPE Henda GUERMAZI ; Moncef BOUAZIZ ; Veit HOEFLER ; Mohamed Moncef SERBAJI	
ID 391:	CONTRIBUTION OF REMOTE SENSING AND GIS FOR THE STUDY OF THE SPATIOTEMPORAL DYNAMICS OF THE STRANDING RISK IN ARID REGIONS OF PRE-SAHARAN TUNISIA: A CASE STUDY OF THE WATERSHED OF BOUHAMED Aziza Ghram Messedi; Dalel Ouerchfani; Nesrin Arrak	
ID 135:	EFFICACY OF NEURAL NETWORK TECHNIQUE IN SIMULATING SPATIO-TEMPORAL GROUNDWATER LEVEL FLUCTUATIONS. CASE OF MIOCENE AQUIFER OF HAJEB ELAYOUN-JELMA HYDROSYSTEM, CENTRAL TUNISIA. Soumaya Hajji Kolsi; Salem Bourri; Hamed Ben Dhia	
ID 169:	USE OF THE REMOTE SENSING IN THE STUDY OF EVOLUTION OF A SAHARAN WET ZONE (SOUTH-EASTERN ALGERIA) MEDJANI Fethi ; DJIDEL Mohamed ; LABAR Sofiane ; C. Mei-Ling HAMILTON; DJORFI Samir	
ID 302:	REMOTE SENSING TECHNIQUES AND IN SITU MEASUREMENTS OF MARTIAN GEOCHEMISTRY: INDICATORS OF A RELATED CHANGE OF MAGMATISM AND CLIMATIC CONDITIONS Elhoucine Essefi	
ID 334:	MORPHOMETRIC ANALYSIS OF DRAINAGE NETWORK USING REMOTE SENSING AND GIS TECHNIQUES. A CASE STAUDY OF ISSERS WATERSHED, ALGERIA. Assia ZIBOUCHE ; Brahim CHIBANE	
ID 393:	REMOTE SENSING CONTRIBUTION TO TECTONIC ANALYSIS CASE STUDY : SOUTH SETIFIAN DOMAIN AND ITS NEIGHBOORS AREA (EASTERN ALGERIA) El Hadj Youcef Brahim ; Mohammed Chadi ; Abdalkader Khiari ;	

Theme 3: Geomatics, GIS & Remote Sensing

- ID 213:** THE USE OF GEOGRAPHIC INFORMATION SYSTEM (GIS) FOR GEOPHYSICAL DATA CLASSIFICATION THE SOIL OF ALGERS
Mohammed Amin Benbouras; Ratiba Mitiche Kettab; Hamma Zedira; Fatiha Debiche
- ID 490:** GEOMORPHOMETRIC ANALYSIS OF HYDROGRAPHIC NETWORK IN THE MOUNTAINS RANGE OF CHOTTS (TUNISIAN ATLASIC FRONT)
Nouha Mimouni; Samir Bouaziz; Jean Van Den Driessche
- ID 78:** LAND USE CHANGE DETECTION USING HIGH-SPATIAL RESOLUTION GOOGLE EARTH IMAGERY AND GIS TECHNIQUES: A STUDY ON AL-BEHEIRA GOVERNORATE, EGYPT.
Emad Abdelaty
- ID 523:** MAPPING THE INTRINSIC VULNERABILITY OF THE QUATERNARY AQUIFER OF THE EAST MITIDJA (NORTHERN ALGERIA)
Abida Haddouche; Ahmed Cherif Toubal
- ID 544:** MAPPING OF THE AQUACULTURE FAVOURABLE SITES IN THE TUNISIAN SAHEL COAST USING GIS AND REMOTE SENSING.
Nadya Gammoudi; Habib Smida; Jamel Abdennaceur Ouali



POSTER SESSIONS

THEME 4 : ENVIRONNEMENT & SUSTAINABLE DEVELOPMENT

- ✓ [T4-PS1]: May 21st, 2016; 10:00; HALL
- ✓ [T4-PS2]: May 21st, 2016; 11:30; HALL
- ✓ [T4-PS3]: May 21st, 2016; 14:15; HALL
- ✓ [T4-PS4]: May 21st, 2016; 15:30; HALL

Theme 4: Environment & sustainable development

[T4-PS1]	May 21, 2016 / 10:00~11:15 Poster Session	Room HALL
Chair: Mohamed SERBAJI, Ali SDIRI, Amjad KALLEL		
ID 82:	PHYSICAL CHEMICAL POLLUTION OF THE WATER OF DAM CHEFFIA EL TARF, NORTH EAST ALGERIEN. Bouslah Soraya; Djemili Lakhdar; Houichi Larbi	
ID 136:	CHANGES IN PHYSICO-CHEMICAL PARAMETERS OF THE WATERS OF GHARDAIA(M'ZAB VALLEY) Zohra Baba Amer;	
ID 281:	ASSESSMENT OF THE PHYSICO-CHEMICAL QUALITY OF BABAR DAM SURFACE WATER ON WADI EL ARAB - EAST ALGERIA Gaagai Aissam; Abderrahmane Boudoukha; Abderrahmane Boumazbeur	
ID 409:	STUDY OF WATER QUALITY OF SPRING IN THE MUNICIPALITY OF SERAIDI Nawel Benouara; Abdelaziz Laraba	
ID 429:	STUDY OF NITRATE ELECTROREDUCTION ON COPPER IN ACIDIC MEDIUM Fatima Guettari;	
ID 10:	SOLVENT EXTRACTION OF COPPER(II) AND CHROMIUM(III) FROM NITRATE MEDIUM WITH SALICYLIDENEANILINE Amel Guerdouh; Djamel Barkat	
ID 57:	ASSESSMENT OF GROUNDWATER VULNERABILITY BY COMBINING DRASTIC AND SUSCEPTIBILITY INDEX: APPLICATION TO MASSIVE DUNE OF BOUTELDJA (ALGERIA) Nassima Sedrati ; Larbi Djabri ; Hicham Chafai ; Cherifa Laabidi ; Nabil Bougherira ;	
ID 218:	OPTIMIZATION OF THE HYDRAULIC PERFORMANCE OF THE PULSATOR DECANTERS VIA SCALE MODEL TESTS. CASE OF WATER TREATMENT STATION OF CHAIBA-ANNABA. Fouad Bousakhria; Yahia Hammar ; Amina Khezazena	
ID 236:	OPTIMAL MANAGEMENT OF HYDRAULIC RESERVOIR BASED ON STOCHASTIC DYNAMIC PROGRAMMING: APPLICATION TO KOUDIET ACERDOUNE DAM IN ALGERIA Fouad Sakhraoui; Bénina Touaibia	
ID 506:	STUDY OF THE RETENTION OF COPPER AND ZINC IONS PRESENT IN THE WATER BY ADSORPTION ONTO A CLAY Kawthar Ayedi; Nesrine Boujelbene; Jalel Bouzid	
ID 507:	OPTIMISATION OF RETENTION PARAMETERS OF IMPURITIES CONTAINED IN INDUSTRIAL PHOSPHORIC ACID (54%) BY PILLARED BENTONITE USING RESPONSE SURFACE METHODOLOGY Wiem Hamza; Nadim Fakhfakh; Mourad Benzina;	
ID 528:	NEW ROUTE OF THE SYNTHESIS OF SOLKETAL CATALYZED BY ALGERIAN ACID ACTIVATED CLAYS UNDER GREEN CHEMISTRY CONDITIONS Kouider Alali; Ali Rahmouni; F Lebsir; Sondes Amri; Ferchichi Zineb; Firas Boumessaad; Neji Besbes	
ID 314:	WATER QUALITY MODELING USING COMBINED PRINCIPLE COMPONENT ANALYSIS, MULTIPLE LINEAR REGRESSIONS AND WATER QUALITY INDICES: A CASE STUDY AT ANNABA CITY, ALGERIA Hamouda BOUTAGHANE ; Bisma BOUDIAF, Abir KEDDACHE	
ID 77:	DRINKING WATER (SURFACE AND GROUND) POLLUTION AND LIVER PATHOLOGY Raafat Abdeldayem; Ibrahim Mohammed	
ID 81:	HYDROLOGICAL AND HYDRODYNAMIC MODELISATION OF THE CATCHMENT AREA OF THE WADI MINA Abdelkader Messak; Cherif El-Amine	
ID 149:	WATER QUALITY INDEX PREDICTION USING NEURAL NETWORK METHOD IN RIVERS SEYBOUSE - NORTH EST ALGERIA- Lamia. HACHEMI RACHEDI ; Hocine. AMARCHI	

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- ID 250:** MODELING AND QUANTIFICATION OF THE HYDRO-SEDIMENTARY FLOWS OF THE CATCHMENT BASIN IN THE AREA OF CHEMORAH WADI (WILAYA OF BATNA)
Faiza Balla; Nabil Kabouche; Kamel Khanchoul; Hamza Bouguerra
- ID 277:** ANALYSIS OF MECANISMS OF CORROSION OF DOWNHOLE TOOLS WHILE STORAGE
Emna BEN ZINA ; Samir BOUAZIZ ; Ridha ABDELHEDI
- ID 285:** BEHAVIOR OF SOME ORGANIC POLLUTANTS IN THE WATERS OF THE ANNABA REGION (NE ALGERIAN).
Amina Sassane;Zouina Haouli
- ID 301:** ANALYSIS OF URBANIZATION IMPACT ON THE RUNOFF: CASE OF ZAFRANIA WATERSHED, ALGERIA
Yacina Dahdouh; Lahbassi Ouerdachi; Boutaghane Hamoda; Yasmine Bendif
- ID:02** ELECTROCOAGULATION TREATMENT FOR OILFIELD PRODUCED WATER WITH Fe OR Al ELECTRODES
Amjad KALLEL; Ismail Trabelsi
- ID 329:** PURIFICATION PERFORMANCE AND NUMERICAL SIMULATION BY GPS-X OF THE SOUK AHRAS WASTEWATER TREATMENT PLANT
Wahida Kherfane; Yahia Hammar; Djebabria Ouarda

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[T4-PS2]	May 21, 2016 / 11:30~12:30 Poster Session	Room HALL
Chair: Mongi FELHI, Ali SDIRI, Amjad KALLEL		
ID 375:	WATER RESSOURCES IN COASTAL ZONE: QUANTITATIVE STATE OF ALLUVIAL AQUIFER IN EL OUED EL HACHEM Nesma Bouzaza; Abdel Hamid Haouchine	
ID 162:	IMPACT OF MINING WASTES OF FEJ LAHDOUM (NORTH WEST OF TUNISIA) ON SOIL Rania Hbaieb; Medhioub Mounir	
ID 252:	AGRONOMIC CHARACTERIZATION OF AGRICULTURAL SOILS UNDER VEGETABLE CULTIVATION IN THE COASTAL CHAOUIA, MOROCCO Fadwa Rafik;	
ID 193:	ADSORPTION CHARACTERISTICS OF TUNISIAN DAM'S ALLUVIUM : EFFECT OF ACID ACTIVATION Abir Marzougui; Abdallah Ben Mammou	
ID 492:	BEHAVIOR OF THE INDUSTRIAL WASTE (SLAG) OF THE STEEL INDUSTRY ARCELORMITTAL ON THE RAW MIXTURE OF THE CEMENT WORKS OF HADJAR-SOUD / W. SKIKDA, ALGERIA Zouhir Mekti	
ID 274:	EFFECT OF URBAN SEWAGE SLUDGE USE ON TOMATO (LYCOPERSICON ESCULENTUM L.): GROWTH, HEAVY METAL ACCUMULATION, AND ANTIOXIDANT ACTIVITY Bouthaina Jerbi; Khaled Athmouni; Dalel Belhaj; Abdelfattah Elfeki; Habib Ayadi; Monem Kallel;	
ID 188:	STUDY OF THE MOBILITY OF HYDROCARBONS IN POLLUTED INDUSTRIAL LAND (EXAMPLE OF OIL FIELD SIDI EL ITAYEM SFAX) Naziha Bougharraf	
ID 424:	STUDY OF LANDSLIDE "CASE OF RL 360 (PK 16.900) MAADEN WADI- NEFZA" Syrine Kchaou	
ID 156:	ENVIRONMENTAL MONITORING AND CHARACTERIZATION OF ZARZIS AREA: MEASUREMENTS OF ABIOTIC FACTORS AND EVALUATION OF HYDROCARBON ACCUMULATION. Rayda Ghribi; Boubaker Elleuch; Othman Jarboui	
ID 73:	A GEOGRAPHIC INFORMATION SYSTEM FOR THE CHARACTERIZATION AND MAPPING OF SALINE SOILS IN SEMI-ARID AREAS, CASE OF OUED MINA WATERSHED (NORTH WEST ALGERIA) Djilali Baghdadi; Ahmed Hartani; Aibout Farid; Abdelkrim Benaradj; Mohamed Chouieb; Khalladi Mederbal;	
ID 85:	PERFORMANCE OF PEDOTRANSFER FUNCTIONS FOR PREDICTING THE WATER RETENTION PROPERTIES OF ALLUVIAL SOILS OF THE OASIS GUERRARA-MZAB (SAHARA OF ALGERIA) Lamia Azzoug;	
ID 502:	SURVEY OF HYDROTHERMAL POTENTIAL OF FLUORIDATED PROVINCE (NORTHEASTERN OF TUNISIA) Souad Saadouni;	
ID 92:	OSTRACODS EVOLUTION IN THE QUATERNARY DEPOSITS IN EL AKARIT RIVER MOUTH (GULF OF GABES, TUNISIA): PALEO-ENVIRONMENTS AND EXTREME EVENTS Soumaya Ben Rouina; Maria Angela Bassetti; Jamel Touri; Serge Berne	
ID 113:	EFFECTS OF DIFFERENT RATE OF OMW ON THE PROCESS OF COMPOSTING OF VARIOUS SOLID WASTES Yassine Hidri	
ID 258:	SPECTRAL ANALYSIS OF GEOCHEMICAL DATA OF A CORE FROM THE CHOTT EL GUETTAR, SOUTHERN TUNISIA Elhoucine Essefi	

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- ID 269:** ASSESSMENT OF THE VULNERABILITY TO POLLUTION OF ANNABA PLAIN NORTH-EAST ALGERIA (COMPARATIVE STUDY USING DRASTIC , GOD AND KHERICI'S METHOD)
Badra Attoui; Samia Benrabah; Nacer Khérici; Nadjat Zair; Habiba Majour
- ID 535:** ASSESSMENT OF CADMIUM ACCUMULATION IN PEPPER AND AGRICULTURAL SOILS
Abderrazak Baba Ahmed;Tahar Kebir;Keltoum Bouhadjera
- ID 115:** IMPACT OF MINING WASTE HAMMAM ZRIBA ON THE ENVIRONMENT
Marwa Saadaoui
- ID 130:** CHARACTERIZING A COMPLEX AQUIFER SYSTEM USING GEOPHYSICS, HYDRODYNAMICS AND GEOCHEMISTRY: A NEW DISTRIBUTION OF LOWER TURONIAN-MPQ AQUIFER OF HORCHANE
Soumaya Chaibi
- ID 195:** GROUNDWATER SAHARA NORTH. SPECIAL STUDY WATER HASSI MESSAOUD REGION; SOUTHEAST ALGERIA
Wahiba Hamzaoui; Nabil Harrat
- ID 562:** APTITUDE OF GROUNDWATER FOR IRRIGATION: CASE STUDY OF THE PLAIN OF SIDI BOUZID
Kaouther NCIBI; Nouredine GAALOUL

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[T4-PS3]	May 21, 2016 / 14:15~15:15 Poster Session	Room HALL
Chair: Chokri YAICH, Samir BOUAZIZ, Moncef ZAIRI		
ID 9:	APTIAN RAMP SEDIMENTATION OF THE NORTH-CENTRAL TUNISIA (JEBEL BELLOUTA) INTEGRATED GEOCHEMICAL, SEDIMENTOLOGICAL AND ROCK-MAGNETIC STUDIES Houda Khaled; Fredj Chaabani; Frederic Boulvain	
ID 76:	THE NON-MARINE CHAROPHYTES-RICH APTIAN-ALBIAN RECORDS IN CENTRAL TUNISIA (JEBEL KSAÏRA) Amal Salmouna; Jamel Tourir; Isabelle Cojan	
ID 93:	THE S1 SAPROPEL AS A GLOBAL EXTREME EVENT: REVIEW OF THE PREVIOUS DATA Amira Kharroubi; Jamel Tourir	
ID 182:	POLLEN DISTRIBUTION IN SURFACE SEDIMENTS AROUND THE LAGOON GHAR EL MELH, NORTHEASTERN TUNISIA Amna Gaceur; Nejjib Kallel; Stéphanie Desprat; Imen Rouis-Zargouni; Nathalie Combourieu-Nebout	
ID 216:	SALT TECTONICS AND SEDIMENTATION OF UPPER CRETACEOUS IN THE CENTRAL ATLAS TRANSITION ZONE: DOGHMAN REGION AND OIL INVOLVEMENT Aziza Chacha;	
ID 422:	STUDY OF THE IMPACT OF GYPSUM CONTENT ON THE LABORATORY TESTS AND THE SUBGRADE FOUNDATION "CASE OF SKHIRA FISHING PORT – SFAX" Sarra Salhi	
ID 71:	PREPARATION, CHARACTERIZATION AND CATALYTIC PERFORMANCE OF MOLYBDENUM SUPPORTED ON SULFATED TITANIUM PILLARED CLAY Randa Rejeb; Lilia Khalfalah Boudali; Gerard Delahay	
ID 116:	EFFECT OF DIFFERENT TRANSITION METAL SUPPORTED BY TITANIUM PILLARED CLAYS ON THE PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES Maroua Souissi; Lilia Khalfalah Boudali; Gerard Delahay	
ID 199:	CONTRIBUTION OF SEDIMENTOLOGY AND MAGNETIC SUSCEPTIBILITY FOR THE RECONSTRUCTION OF HOLOCENE CLIMATE CHANGE: CASE OF EL MELAH AND MHABEUL SEBKHAS (SOUTHEASTERN TUNISIA) Imen Ouameni	
ID 240:	CONTRIBUTION OF GEOPHYSICAL TESTING IN CALCULATING THE DEFORMATION OF SHALLOW FOUNDATIONS Nawel Aouali; Fouad Djouf	
ID 30:	LACUSTRINE CARBONATES OF HAMMEM BENT JEDIDI: SOURCES AND DEPOSITIONAL ENVIRONMENTS Faouzia Tlili;	
ID 95:	MAGNETIC SUSCEPTIBILITY WITHIN THE SEDIMENTARY FILLING OF SEBKHA ENNOUAL, SOUTHEASTERN TUNISIA Sonia Salhi; Elhoucine Essefi	
ID 537:	MECHANICAL PROPERTIES OF LOW FIRING DRY PRESSED SOLID BRICKS Kamel Jeridi; Medhioub Mounir	
ID 539:	CONTRIBUTION A L'ETUDE THEORIQUE DU PHENOMENE DE CONDUCTION ÉLECTRIQUE DES MATERIAUX POLYMERES RECYCLES Boudahri Fethi	
ID 312:	IMPORTANCE OF PYRITE IN THE BEHAVIOR OF METALS IN THE POLLUTED COASTAL MARINE SYSTEM: GHAR EL MELH LAGOON, NORTHERN TUNISIA. Mohamed Amine Helali; Walid Oueslati; Ayed Added	
ID 533:	THE ROADSTEAD SEDIMENTS OF THE SAFI (ATLANTIC COAST MOROCCO): CARTOGRAPHY OF SEDIMENTARY CHANGES Abdenaim Minoubi; Khalid Elkhaldi	

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- ID 29:** ELECTRO-HYDRAULIC RELATIONS FOR HYDROGEOPHYSICAL PARAMETERS ESTIMATION FROM SURFACE GEOELECTRICAL RESISTIVITY MEASUREMENTS
Ahzegebobor Aizebeokhai
- ID 177:** RADIOCHRONOLOGY OF SEDIMENTS FROM THE SARDENIA CHANNEL USING NATURAL ²¹⁰Pb AND FALLOUT ¹³⁷Cs.
Nour El Houda Hassen; Nafaa Reguigui; Foued Garbi; Abdelaziz Benkdad; Moncef Benmansour
- ID 260:** WATER GEOCHEMISTRY AND SALT RESERVES AT THE SEBKHA OF MECHIGUIG, CENTRAL TUNISIA
Elhoucine Essefi
- ID 491:** MINERALOGICAL CHARACTERISTICS AND GRAIN SIZE STUDY OF THE SUPERFICIAL SEDIMENT IN THE LAGOON BIZERTE AND LAKE ICHKEUL (NORTHERN TUNISIA)
Bochra Brik; Kamel Regaya
- ID 60:** HEAVY METAL-INDUCED OXIDATIVE DAMAGE IS REDUCED BY β -ESTRADIOL APPLIANCE IN PEA SEEDLINGS
Dalel Belhaj; Bouthaina Jerbi; nada elloumi; John Zhou; Monem Kallel; Habib Ayadi

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[T4-PS4]	May 20, 2016 / 15:30~16:30 Poster Session	Room HALL
Chair: Moncef ZAIRI, Amjad KALLEL, Jalel BOUZID		
ID 184:	NUTRIENT AND TRACE METAL CYCLING IN BIZERTE LAGOON SEDIMENT Haifa Ben Mna ; Ayed Added	
ID 246:	WATER APTITUDE FOR THE DRINKING WATER SUPPLY IN OUED BOUHAMDANE WATERSHED (GUELMA, NE ALGERIEN). Samia Benrabah; Badra Attoui; Mani Hannouche	
ID 212:	URBAN DYNAMICS AND MANAGEMENT OF URBAN SOLID WASTE IN A SEMI-ARID AREA: CASE OF THE CITY OF M'SILA (ALGERIA) Ali Redjem; Brahim Nouibat	
ID 514:	ASSESSMENT OF HEAVY METALS CONTAMINATION LEVELS AND TOXICITY IN DIPLODUS ANNULARIS FROM THE MEDITERRANEAN SEA (SOUTHERN COAST OF SFAX, TUNISIA) Zohra Ben Salem; Habib Ayadi	
ID 458:	A CARTOGRAPHIC APPROACH TO THE AIR POLLUTION ISSUE IN THE GREATER SFAX. Mohsen Dhieb; Mohamed Ali Abdmouleh	
ID 459:	APPROACHING THE SANITATION ISSUES IN SFAX BY USING AN INTEGRATED GIS Mohsen Dhieb; Dorra Tounsi	
ID 547:	LAKHOUAT MINE TAILINGS CHARACTERIZATION AND ENVIRONMENTAL IMPACT Jihène Nouairi; Fabienne Baraud; Lydia Leleyter; Medhioub Mounir	
ID 305:	ADSORPTION STUDIES OF NICKEL(II) REMOVAL FROM WATER ON ACTIVATED CARBON PREPARED FROM LUFFA SPONGE Imane Nouacer; Mokhtar Benalia; Mabrouk Djedi	
ID 457:	EXTRACTING SULFUR FROM GYPSUM Hasna Soli; Hasna Soli	
ID 102:	IMPACTS ON SOIL OF HERBICIDES USED IN TRITICUM CULTURES Souahi Hana ; Meksem Amara Leila ; Djebar Mohamed Réda	
ID 521:	COMPARISON OF RESULTS OF PROCTOR ESSAY AND THOSE DETERMINED BY THE STUDYING THE COMPACTABILITY OF SOIL Ali Yahyaoui; Moufida Ben M'Barek; Mustapha Zdiri; Mabrouk Boughdiri	
ID 84:	SOIL SPATIAL MONITORING THROUGH KRIGING MAPS: CASE OF THE IRRIGATION PERIMETER IN MAHDIA REGION (EASTERN TUNISIA) Dhouha Louati; Rajouene Majdoub; Habib Abida; Narjes Achour	
ID 549:	SURVIVAL AND MORPHOLOGICAL CHANGES OF SHIGELLA FLEXNERI UNDER STARVATION Kalthoum Chourabi ; Francesco Torrella ; Salma Kloula ; Ahmed Landoulsi ; Abdelwaheb Chatti	
ID 321:	IMPACT STUDY ON THE ENVIRONMENT OF AGGREGATES QUARRIES OF KAF DAKHLA - LAGHOUAT Amira Merchichi; Malek Ould Hamou; Omar Mimouni	
ID 114:	THE ARTICULATION BETWEEN WATER MANAGEMENT AND REGIONAL PLANNING: A VERY CURRENT ISSUE CASE OF THE NORTH SOUSSE REGION Amira Hamdaoui; Hichem Rejeb	
ID 38:	DOMESTIC WASTE WATER TREATMENT BY SETTLING PONDS SETTLE AT POINTS RELEASE (SOUTH EAST ALGERIA CASE- CITY OF OUARGLA) KATEB S ; TOUIL Y ; ZEGAITE R ; BAOUIA K	
ID 223:	EXTRACTION OF THE HEAVY METALS BY SILICATES IN LEAFLET BRIDGED Kerroumia MOULAI ; Mohamed.SASSI ; Abdelkader.BENGUEDDACH	

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- ID 11:** APPLICATION OF THE MULTIVARIATE STATISTICAL METHODS OF ANALYSIS (ACP) UNDER INVESTIGATION OF THE QUALITY OF WATER OF THE DAM HAMMAM DEBAGH. W. GUELMA (NE. ALGERIAN)
Nadjette Zeghaba ; Abdel Aziz Laraba ; Nabil Tatat
- ID 12:** EVOLUTION OF THE PHYSICOCHEMICAL QUALITY OF WATER OF THE DAM HAMMAM DEBAGH. W. GUELMA (N E. ALGERIAN)
Nadjette Zeghaba ; Abdel Aziz Laraba ; Nabil Tatat
- ID 551:** GROUNDWATER RESPONSE TO AQUIFER ARTIFICIAL RECHARGE: A CASE STUDY FROM NE TUNISIA
M. ABIDI ; M. ZAIRI
- ID 403:** STUDY OF SERS'S AQUIFER CONTAMINATION BY NITRATES (NORTHERN TUNISIA) IN SEMI ARID CLIMATE
Abir Ben Romdhane; Abdessatar Hatira; Lamine Babasy
- ID 563:** APPLICATION OF GEOCHEMICAL AND ISOTOPIC TOOLS TO THE STUDY OF THE DJÉRID MULTILAYER AQUIFER SYSTEM, SOUTHERN TUNISIA
Lassaad DASSI
- ID 564:** GEOCHEMICAL AND ISOTOPIC STUDY OF SURFACE AND GROUNDWATERS IN CHERICHIRA BASIN, CENTRAL TUNISIA
Intissar Farid, Kamel Zouari and Ridha Beji

Contact & informations

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